***Ostwald* optimal colours (o) of maximum (m) C_{AB} for D65, Y_w=100, Y_m=520_770**

i_1, λ_1	i_2, λ_2	*X*	*Y*	*Z*	*x*	*y*	*z*	h_{xy}	i_d, λ_d	i_c, λ_c	Code
0 405	32 561	32.57	58.2	108.12	0.1637	0.2926	0.5436	193.7	16 483	37 589	Cm
6 435	32 562	29.09	58.79	88.73	0.1647	0.3328	0.5023	178.4	17 486	42 610	
10 450	32 563	22.93	59.41	52.37	0.1702	0.441	0.3887	141.8	19 496	−1 496c	
12 460	33 565	20.88	60.32	34.02	0.1812	0.5234	0.2952	124.0	21 505	−1 505c	
12 465	33 567	21.95	61.66	34.03	0.1866	0.5241	0.2892	122.8	21 506	−1 506c	
14 470	33 569	21.47	62.72	19.98	0.206	0.602	0.1918	111.3	24 520	−1 520c	
15 475	34 573	23.76	65.29	14.91	0.2285	0.6279	0.1434	105.6	25 528	−1 528c	Gm
16 480	36 580	29.0	69.95	11.05	0.2636	0.6358	0.1005	99.0	27 537	−1 537c	
17 485	39 595	42.11	78.75	8.23	0.3261	0.6099	0.0638	87.2	29 548	−1 548c	
18 490	−1 490c	77.09	93.8	6.13	0.4354	0.5298	0.0346	58.5	33 565	11 459	max
19 495	−1 495c	77.04	92.3	4.52	0.4431	0.5308	0.026	57.1	33 566	12 462	
20 500	−1 500c	77.02	90.42	3.27	0.4511	0.5296	0.0191	55.3	33 567	12 464	
22 510	−1 510c	76.89	85.27	1.63	0.4694	0.5205	0.01	50.7	33 569	13 469	
23 520	−1 519c	76.66	81.98	1.16	0.4797	0.513	0.0072	47.7	34 570	14 471	Ym
25 530	−1 529c	75.53	74.04	0.57	0.503	0.4931	0.0038	40.7	34 573	15 475	
27 540	−1 539c	73.26	64.9	0.26	0.5292	0.4688	0.0019	32.8	35 577	15 478	
28 545	−1 544c	71.66	60.13	0.18	0.5429	0.4556	0.0014	28.7	35 579	15 479	
29 550	−1 549c	69.7	55.26	0.13	0.5571	0.4417	0.001	24.7	36 582	16 480	
30 555	−1 554c	67.4	50.4	0.09	0.5716	0.4274	0.0008	20.8	36 584	16 481	
32 560	−1 560c	61.78	41.0	0.05	0.6007	0.3987	0.0005	13.6	37 589	16 483	
32 561	0 405	62.46	41.79	0.76	0.5948	0.3979	0.0072	13.7	37 589	16 483	Rm
32 562	6 435	65.95	41.2	20.15	0.518	0.3236	0.1583	358.4	42 610	17 486	
32 563	10 450	72.11	40.58	56.51	0.4261	0.2398	0.3339	321.8	−1 496c	19 496	
33 565	12 460	74.16	39.67	74.86	0.393	0.2102	0.3967	304.0	−1 505c	21 505	
33 567	12 465	73.08	38.33	74.86	0.3923	0.2057	0.4018	302.9	−1 506c	21 506	
33 569	14 470	73.57	37.27	88.9	0.3683	0.1865	0.445	291.3	−1 520c	24 520	
34 573	15 475	71.27	34.7	93.97	0.3564	0.1735	0.4699	285.7	−1 528c	25 528	Mm
36 580	16 480	66.03	30.04	97.83	0.3405	0.1549	0.5045	279.1	−1 537c	27 537	
39 595	17 485	52.92	21.24	100.65	0.3027	0.1215	0.5757	267.2	−1 548c	29 548	
−1 490c	18 490	17.95	6.19	102.75	0.1414	0.0487	0.8097	238.5	11 459	33 565	min
−1 495c	19 495	18.0	7.69	104.36	0.1384	0.0591	0.8024	237.1	12 462	33 566	
−1 500c	20 500	18.02	9.57	105.61	0.1352	0.0719	0.7928	235.4	12 464	33 567	
−1 510c	22 510	18.14	14.72	107.25	0.1295	0.105	0.7654	230.7	13 469	33 569	
−1 519c	23 520	18.37	18.01	107.72	0.1275	0.1249	0.7475	227.7	14 471	34 570	Bm
−1 529c	25 530	19.5	25.95	108.31	0.1268	0.1687	0.7043	220.7	15 475	34 573	
−1 539c	27 540	21.77	35.09	108.62	0.1315	0.212	0.6563	212.8	15 478	35 577	
−1 544c	28 545	23.38	39.86	108.7	0.1359	0.2318	0.6321	208.8	15 479	35 579	
−1 549c	29 550	25.33	44.73	108.76	0.1416	0.2501	0.6081	204.7	16 480	36 582	
−1 554c	30 555	27.63	49.59	108.79	0.1485	0.2665	0.5848	200.8	16 481	36 584	
−1 560c	32 560	33.26	58.99	108.83	0.1654	0.2933	0.5412	193.6	16 483	37 589	
380	770	95.04	100.0	108.89	0.3127	0.329	0.3582	0.0			

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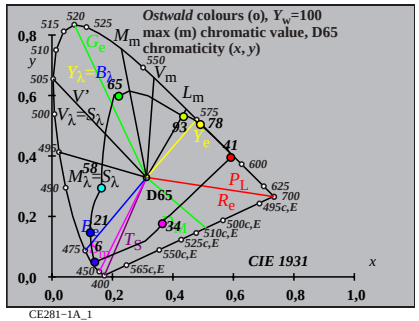

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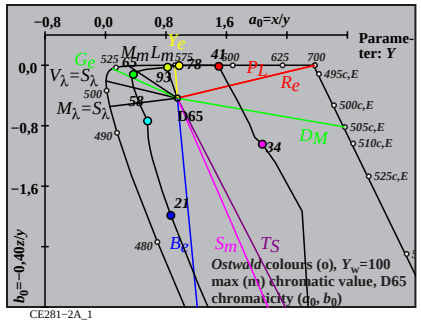

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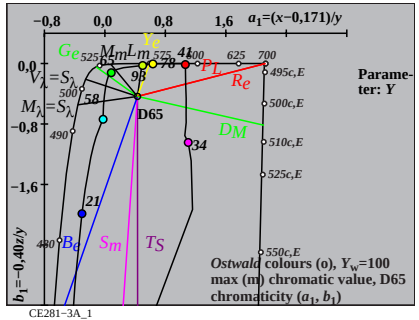

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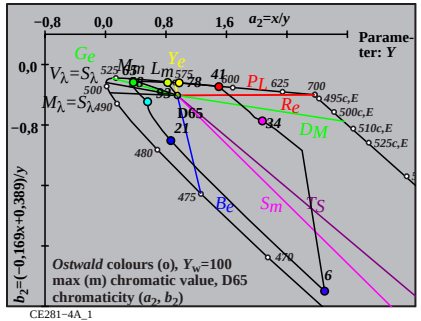

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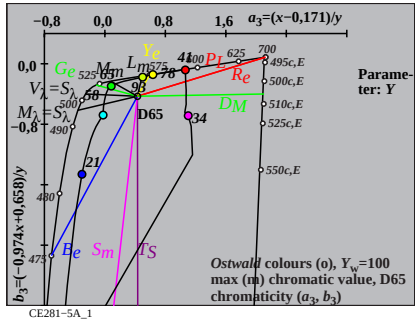

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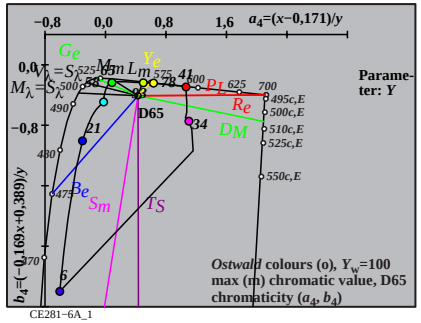

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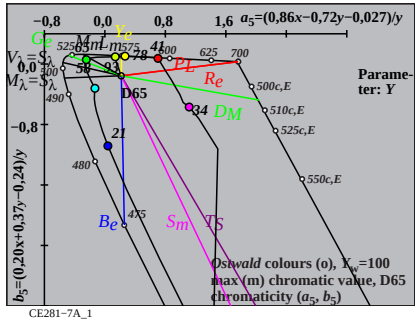

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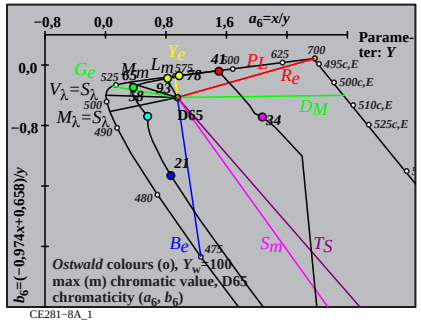

CE281−8A_1

TUB-test chart CE28; CIE (*x*, *y*) and chromaticities (a_i, b_i) input: *w/rgb/cmyk −> rgb*
Ostwald optimal colours for illuminant D65; diagram for illuminant D65, Y_w=100

***Ostwald* optimal colours (o) of maximum (m) C_{AB} for D50, Y_w=100, Y_m=520_770**

i_1, λ_1	i_2, λ_2	*X*	*Y*	*Z*	*x*	*y*	*z*	h_{xy}	i_d, λ_d	i_c, λ_c	Code
1 405	32 564	29.62	57.81	81.6	0.1752	0.3419	0.4827	185.5	17 486	38 592	Cm
7 435	33 565	26.33	58.18	63.49	0.1779	0.393	0.4289	168.3	18 490	46 634	
10 450	33 566	23.03	58.68	42.47	0.1854	0.4725	0.342	144.5	19 497	−1 497c	
12 460	33 567	21.47	59.3	28.27	0.1969	0.5437	0.2592	128.7	21 506	−1 506c	
13 465	33 568	21.31	59.95	22.16	0.206	0.5796	0.2143	122.2	22 511	−1 511c	
14 470	34 570	21.86	61.04	17.05	0.2187	0.6106	0.1706	116.7	23 519	−1 519c	
15 475	34 573	23.55	62.89	12.91	0.237	0.6329	0.1299	111.5	25 527	−1 527c	Gm
15 480	35 578	27.61	66.91	12.92	0.2569	0.6227	0.1202	108.5	26 531	−1 531c	
17 485	37 587	35.32	72.24	7.33	0.3074	0.6287	0.0637	98.0	28 544	−1 544c	
18 490	44 620	65.61	88.02	5.54	0.4122	0.5529	0.0348	71.0	32 561	−1 561c	max
19 495	−1 495c	83.11	93.65	4.13	0.4594	0.5177	0.0228	54.4	33 568	12 463	
20 500	−1 500c	83.09	91.98	3.02	0.4665	0.5164	0.0169	52.5	33 569	13 466	
22 510	−1 510c	82.98	87.33	1.55	0.4827	0.5081	0.009	47.4	34 571	14 471	
23 520	−1 519c	82.76	84.29	1.11	0.4921	0.5012	0.0066	44.2	34 572	14 473	Ym
25 530	−1 529c	81.69	76.8	0.56	0.5136	0.4828	0.0035	36.4	35 575	15 477	
27 540	−1 539c	79.51	68.0	0.26	0.538	0.4601	0.0018	27.8	35 579	16 480	
28 545	−1 544c	77.94	63.34	0.18	0.5509	0.4477	0.0013	23.4	36 581	16 481	
29 550	−1 549c	76.02	58.55	0.13	0.5643	0.4346	0.0009	19.1	36 583	16 483	
30 555	−1 554c	73.73	53.72	0.09	0.578	0.4211	0.0007	15.0	37 585	16 484	
32 560	−1 560c	68.07	44.27	0.05	0.6055	0.3938	0.0005	7.7	38 590	17 486	
32 564	1 405	66.79	42.18	0.88	0.6079	0.3839	0.008	5.5	38 592	17 486	Rm
33 565	7 435	70.08	41.81	18.99	0.5354	0.3194	0.1451	348.3	46 634	18 490	
33 566	10 450	73.38	41.31	40.02	0.4743	0.267	0.2586	324.5	−1 497c	19 497	
33 567	12 460	74.94	40.69	54.22	0.4412	0.2395	0.3191	308.7	−1 506c	21 506	
33 568	13 465	75.1	40.04	60.32	0.428	0.2281	0.3437	302.3	−1 511c	22 511	
34 570	14 470	74.55	38.95	65.43	0.4166	0.2176	0.3656	296.7	−1 519c	23 519	
34 573	15 475	72.86	37.1	69.58	0.4058	0.2066	0.3875	291.6	−1 527c	25 527	Mm
35 578	15 480	68.81	33.08	69.57	0.4013	0.1929	0.4057	288.5	−1 531c	26 531	
37 587	17 485	61.09	27.75	75.16	0.3724	0.1692	0.4582	278.0	−1 544c	28 544	
44 620	18 490	30.81	11.97	76.95	0.2573	0.1	0.6426	251.1	−1 561c	32 561	min
−1 495c	19 495	13.31	6.34	78.36	0.1357	0.0647	0.7994	234.4	12 463	33 568	
−1 500c	20 500	13.32	8.01	79.46	0.1321	0.0794	0.7883	232.5	13 466	33 569	
−1 510c	22 510	13.44	12.66	80.94	0.1255	0.1182	0.7561	227.5	14 471	34 571	
−1 519c	23 520	13.65	15.7	81.37	0.1233	0.1418	0.7348	224.2	14 473	34 572	Bm
−1 529c	25 530	14.72	23.19	81.93	0.1228	0.1935	0.6836	216.5	15 477	35 575	
−1 539c	27 540	16.91	31.99	82.22	0.1289	0.244	0.627	207.8	16 480	35 579	
−1 544c	28 545	18.47	36.65	82.3	0.1344	0.2666	0.5988	203.5	16 481	36 581	
−1 549c	29 550	20.4	41.44	82.36	0.1414	0.2873	0.5711	199.2	16 483	36 583	
−1 554c	30 555	22.69	46.27	82.39	0.1499	0.3057	0.5443	195.0	16 484	37 585	
−1 560c	32 560	28.35	55.72	82.43	0.1702	0.3346	0.495	187.7	17 486	38 590	
380	770	96.42	100.0	82.49	0.3457	0.3585	0.2957	0.0			

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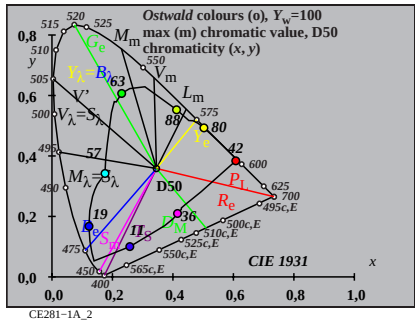
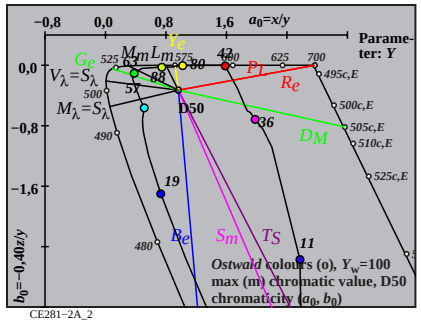
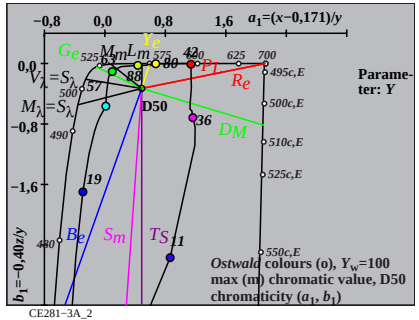


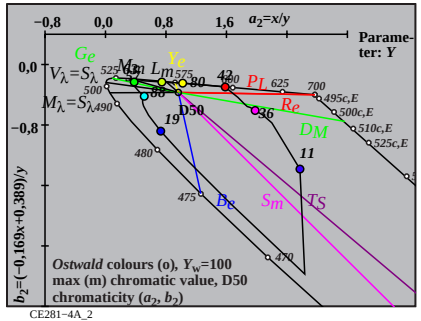
CE281−1A_2



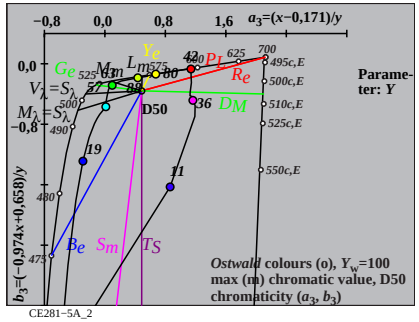
CE281−2A_2



CE281−3A_2



CE281−4A_2



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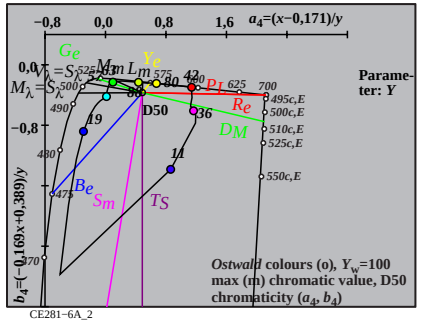

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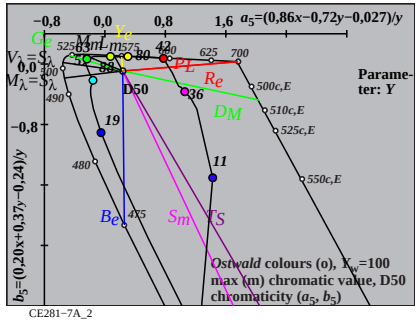
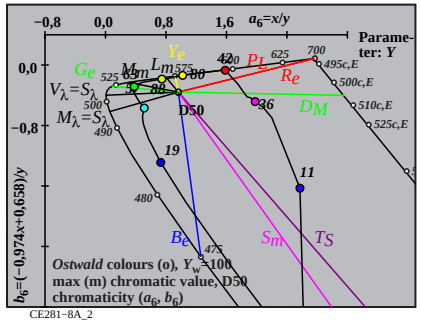


CE281−7A_2



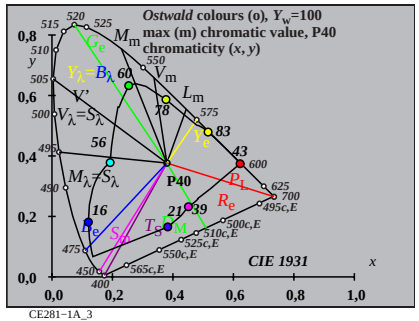
CE281−8A_2

TUB-test chart CE28; CIE (*x*, *y*) and chromaticities (a_i, b_i) input: *w/rgb/cmyk −> rgb*
Ostwald optimal colours for illuminant D50; diagram for illuminant D50, Y_w=100

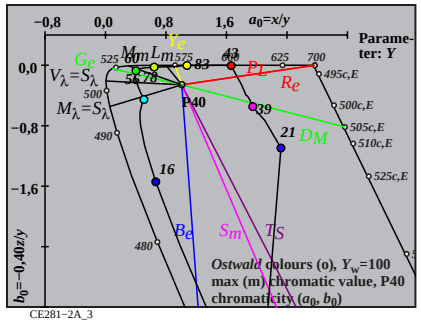
***Ostwald* optimal colours (o) of maximum (m) C_{AB} for P40, Y_w=100, Y_m=520_770**

i_1, λ_1	i_2, λ_2	X	Y	Z	x	y	z	h_{xy}	i_d, λ_d	i_c, λ_c	Code
0 405	33 568	28.76	56.58	64.26	0.1922	0.3782	0.4295	179.4	17 488	38 594	Cm
7 435	33 568	25.87	56.85	48.49	0.1971	0.4333	0.3695	162.7	18 493	54 674	
10 450	33 569	23.49	57.27	33.07	0.2063	0.5031	0.2905	143.8	19 499	−1 499c	
12 460	34 570	22.45	57.79	22.67	0.2181	0.5615	0.2202	131.1	21 507	−1 507c	
13 465	34 571	22.44	58.31	18.03	0.2271	0.5902	0.1825	125.5	22 512	−1 512c	
14 470	34 572	22.98	59.17	14.1	0.2387	0.6147	0.1464	120.6	23 519	−1 519c	
14 475	34 574	24.78	61.12	14.1	0.2477	0.6111	0.141	119.3	24 522	−1 522c	Gm
15 480	35 578	27.65	63.82	10.88	0.2701	0.6234	0.1063	113.9	26 531	−1 531c	
17 485	37 585	33.55	68.02	6.37	0.3108	0.6301	0.059	105.2	28 543	−1 543c	
17 490	40 600	50.32	79.03	6.38	0.3707	0.5822	0.047	92.5	30 554	−1 554c	max
19 495	−1 495c	90.57	94.87	3.66	0.4789	0.5016	0.0193	51.6	34 571	12 464	
20 500	−1 500c	90.56	93.44	2.71	0.485	0.5004	0.0145	49.6	34 571	13 467	
21 510	−1 509c	90.54	91.62	1.97	0.4916	0.4975	0.0107	47.2	34 572	13 469	
24 520	−1 520c	89.9	83.41	0.74	0.5164	0.4792	0.0042	36.9	35 575	15 476	Ym
26 530	−1 530c	88.44	75.94	0.37	0.5368	0.4609	0.0022	28.2	35 578	16 480	
27 540	−1 539c	87.29	71.77	0.26	0.5478	0.4504	0.0016	23.7	36 580	16 481	
29 545	−1 545c	84.0	62.86	0.13	0.5714	0.4276	0.0009	14.9	36 584	16 484	
29 550	−1 549c	84.0	62.86	0.13	0.5714	0.4276	0.0009	14.9	36 584	16 484	
31 555	−1 555c	79.18	53.5	0.07	0.5963	0.403	0.0006	6.9	37 588	17 486	
32 560	−1 560c	76.14	48.79	0.06	0.6091	0.3903	0.0005	3.4	38 591	17 487	
33 568	0 405	72.16	43.41	0.42	0.622	0.3742	0.0037	359.4	38 594	17 488	Rm
33 568	7 435	75.05	43.14	16.19	0.5584	0.3209	0.1205	342.7	54 674	18 493	
33 569	10 450	77.44	42.72	31.61	0.5102	0.2814	0.2082	323.9	−1 499c	19 499	
34 570	12 460	78.47	42.2	42.01	0.4823	0.2593	0.2582	311.1	−1 507c	21 507	
34 571	13 465	78.48	41.68	46.65	0.4704	0.2498	0.2796	305.5	−1 512c	22 512	
34 572	14 470	77.94	40.82	50.58	0.4602	0.241	0.2987	300.6	−1 519c	23 519	
34 574	14 475	76.15	38.87	50.58	0.4598	0.2347	0.3054	299.4	−1 522c	24 522	Mm
35 578	15 480	73.27	36.17	53.8	0.4488	0.2215	0.3295	294.0	−1 531c	26 531	
37 585	17 485	67.37	31.97	58.31	0.4273	0.2028	0.3698	285.2	−1 543c	28 543	
40 600	17 490	50.61	20.96	58.3	0.3896	0.1614	0.4488	272.6	−1 554c	30 554	min
−1 495c	19 495	10.35	5.12	61.02	0.1353	0.0669	0.7977	231.6	12 464	34 571	
−1 500c	20 500	10.36	6.55	61.97	0.1313	0.083	0.7855	229.7	13 467	34 571	
−1 509c	21 510	10.38	8.37	62.71	0.1275	0.1028	0.7696	227.3	13 469	34 572	
−1 520c	24 520	11.02	16.58	63.94	0.1204	0.1811	0.6984	216.9	15 476	35 575	Bm
−1 530c	26 530	12.48	24.05	64.31	0.1237	0.2385	0.6377	208.3	16 480	35 578	
−1 539c	27 540	13.63	28.22	64.42	0.1282	0.2655	0.6061	203.7	16 481	36 580	
−1 545c	29 545	16.92	37.13	64.55	0.1427	0.313	0.5442	194.9	16 484	36 584	
−1 549c	29 550	16.92	37.13	64.55	0.1427	0.313	0.5442	194.9	16 484	36 584	
−1 555c	31 555	21.74	46.49	64.6	0.1636	0.3499	0.4863	186.9	17 486	37 588	
−1 560c	32 560	24.79	51.2	64.62	0.1762	0.3641	0.4595	183.4	17 487	38 591	
380	770	100.93	100.0	64.68	0.3799	0.3764	0.2435	0.0			

1−000230−L0 CE280−7N_16



CE281−1A_3



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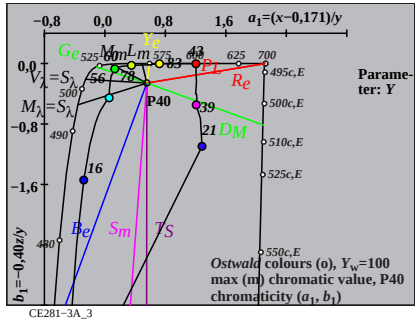
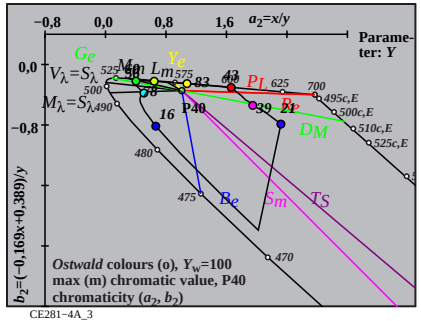
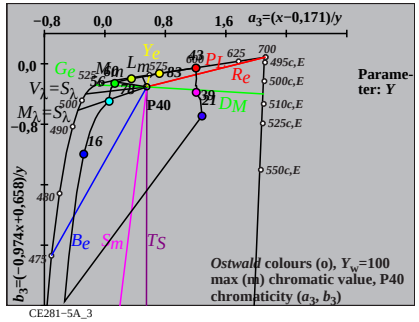


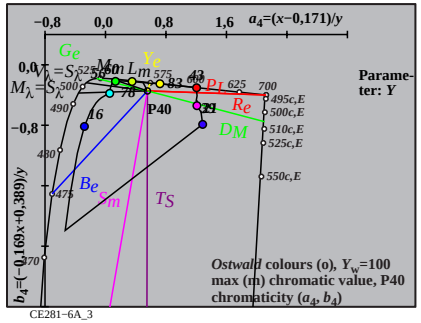
CE281−3A_3



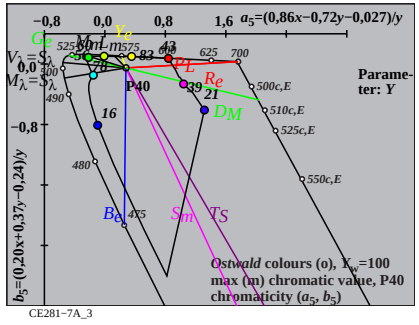
CE281−4A_3



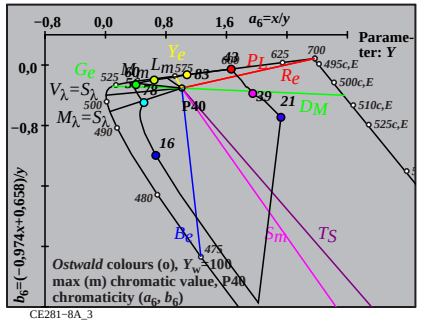
CE281−5A_3



CE281−6A_3



CE281−7A_3



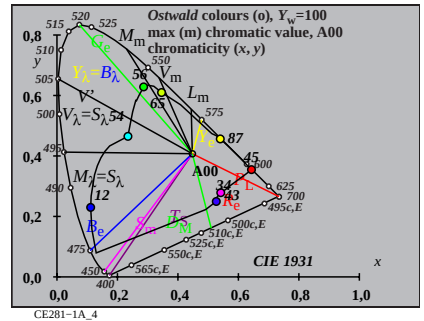
CE281−8A_3

TUB-test chart CE28; CIE (*x*, *y*) and chromaticities (a_i, b_i) input: *w/rgb/cmyk −> rgb*
Ostwald optimal colours for illuminant P40; diagram for illuminant P40, Y_W=100

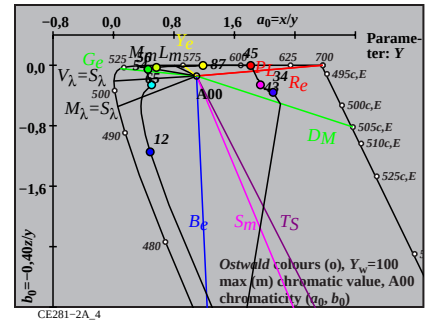
***Ostwald* optimal colours (o) of maximum (m) C_{AB} for A00, Y_w=100, Y_m=520_770**

i_1, λ_1	i_2, λ_2	X	Y	Z	x	y	z	h_{xy}	i_d, λ_d	i_c, λ_c	Code
1 405	34 574	27.6	54.67	35.28	0.2347	0.465	0.3001	164.8	18 494	39 599	Cm
6 435	34 574	26.83	54.85	30.55	0.239	0.4887	0.2722	158.6	19 496	42 611	
9 450	34 574	25.76	55.12	23.32	0.2472	0.5289	0.2238	148.7	20 501	−1 501c	
12 460	35 575	24.7	55.33	14.75	0.2606	0.5837	0.1556	136.6	21 508	−1 508c	
13 465	35 575	24.73	55.6	12.04	0.2677	0.6018	0.1303	132.7	22 512	−1 512c	
13 470	35 576	25.43	56.26	12.04	0.2712	0.6001	0.1285	132.4	22 513	−1 513c	
14 475	35 577	26.19	57.11	9.67	0.2817	0.6142	0.104	128.7	23 519	−1 519c	Gm
16 480	35 579	27.57	58.19	6.02	0.3003	0.6339	0.0656	123.0	26 532	−1 532c	
17 485	36 582	30.76	60.55	4.72	0.3202	0.6305	0.0491	119.6	28 540	−1 540c	
18 490	37 588	37.17	64.98	3.68	0.3512	0.6139	0.0348	114.9	29 548	−1 548c	max
19 495	40 601	53.48	74.48	2.85	0.4088	0.5693	0.0218	103.4	31 559	−1 559c	
20 500	−1 500c	104.46	95.67	2.17	0.5163	0.4728	0.0107	43.5	35 576	13 469	
21 510	−1 509c	104.44	94.31	1.62	0.5212	0.4706	0.0081	40.5	35 576	14 472	
24 520	−1 520c	103.93	87.81	0.66	0.5401	0.4563	0.0034	27.8	35 579	16 480	Ym
26 530	−1 530c	102.7	81.5	0.35	0.5564	0.4416	0.0019	17.4	36 582	16 484	
28 540	−1 540c	100.37	73.92	0.18	0.5752	0.4236	0.001	7.2	37 585	17 487	
28 545	−1 544c	100.37	73.92	0.18	0.5752	0.4236	0.001	7.2	37 585	17 487	
29 550	−1 549c	98.69	69.75	0.13	0.5854	0.4137	0.0008	2.6	37 586	17 489	
31 555	−1 555c	94.09	60.83	0.08	0.6069	0.3924	0.0005	354.6	38 590	18 491	
32 560	−1 560c	91.08	56.18	0.06	0.6182	0.3813	0.0004	351.3	38 593	18 492	
34 574	1 405	82.24	45.32	0.3	0.6431	0.3544	0.0023	344.8	39 599	18 494	Rm
34 574	6 435	83.01	45.14	5.02	0.6233	0.3389	0.0377	338.7	42 611	19 496	
34 574	9 450	84.08	44.87	12.26	0.5954	0.3177	0.0868	328.7	−1 501c	20 501	
35 575	12 460	85.14	44.66	20.83	0.5651	0.2965	0.1382	316.7	−1 508c	21 508	
35 575	13 465	85.11	44.39	23.53	0.5561	0.29	0.1537	312.7	−1 512c	22 512	
35 576	13 470	84.41	43.73	23.53	0.5565	0.2883	0.1551	312.4	−1 513c	22 513	
35 577	14 475	83.64	42.88	25.91	0.5487	0.2813	0.1699	308.7	−1 519c	23 519	Mm
35 579	16 480	82.27	41.8	29.55	0.5355	0.272	0.1923	303.0	−1 532c	26 532	
36 582	17 485	79.08	39.44	30.85	0.5294	0.264	0.2065	299.7	−1 540c	28 540	
37 588	18 490	72.67	35.01	31.89	0.5206	0.2508	0.2285	295.0	−1 548c	29 548	min
40 601	19 495	56.36	25.51	32.72	0.4917	0.2226	0.2855	283.4	−1 559c	31 559	
−1 500c	20 500	5.38	4.32	33.4	0.1248	0.1002	0.7748	223.5	13 469	35 576	
−1 509c	21 510	5.39	5.68	33.95	0.1198	0.1262	0.7538	220.6	14 472	35 576	
−1 520c	24 520	5.91	12.18	34.91	0.1115	0.2298	0.6586	207.8	16 480	35 579	Bm
−1 530c	26 530	7.14	18.49	35.23	0.1173	0.3037	0.5788	197.4	16 484	36 582	
−1 540c	28 540	9.47	26.07	35.39	0.1335	0.3674	0.4989	187.2	17 487	37 585	
−1 544c	28 545	9.47	26.07	35.39	0.1335	0.3674	0.4989	187.2	17 487	37 585	
−1 549c	29 550	11.15	30.24	35.44	0.1451	0.3935	0.4612	182.6	17 489	37 586	
−1 555c	31 555	15.75	39.16	35.49	0.1742	0.4331	0.3926	174.6	18 491	38 590	
−1 560c	32 560	18.75	43.81	35.51	0.1912	0.4466	0.362	171.2	18 492	38 593	
380	770	109.84	99.99	35.58	0.4475	0.4074	0.1449	0.0			

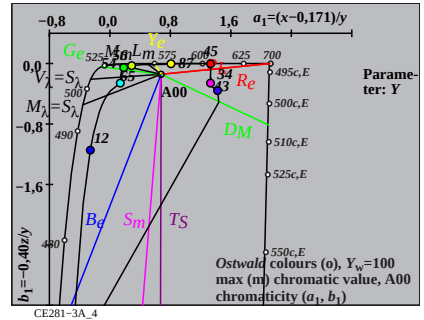
1−000330−L0 CE280−7N_16



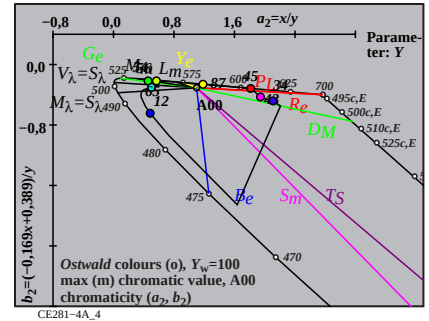
CE281−1A_4



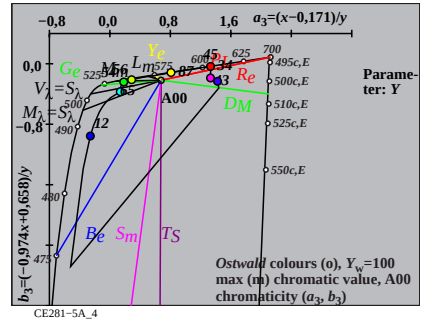
CE281−2A_4



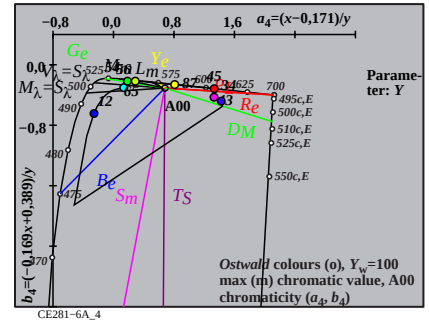
CE281−3A_4



CE281−4A_4



CE281−5A_4



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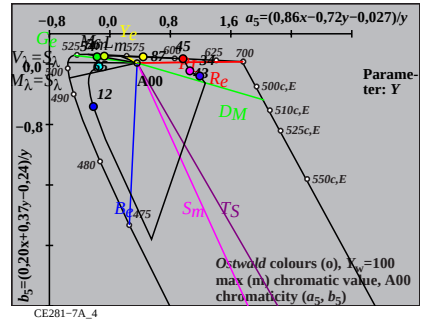
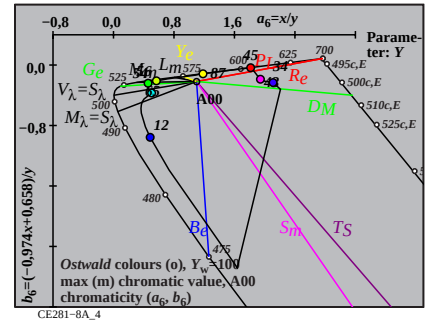


CE281−7A_4

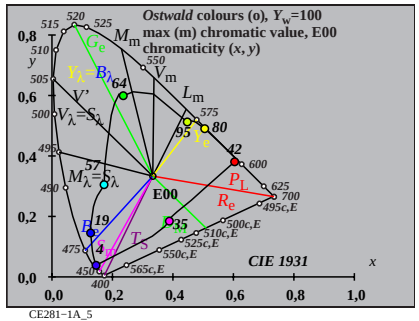


CE281−8A_4

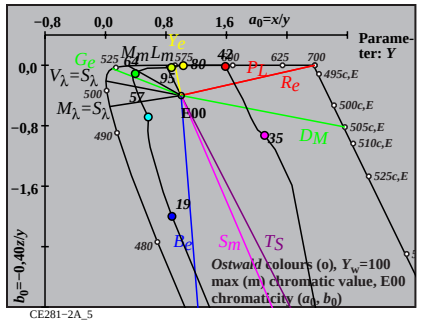
***Ostwald* optimal colours (o) of maximum (m) C_{AB} for E00, Y_w=100, Y_m=520_770**

i_1, λ_1	i_2, λ_2	X	Y	Z	x	y	z	h_{xy}	i_d, λ_d	i_c, λ_c	Code
1 405	32 564	32.46	57.42	98.28	0.1725	0.3051	0.5222	189.9	16 484	38 592	Cm
6 435	33 565	28.76	57.91	77.9	0.1747	0.3518	0.4733	173.3	17 488	45 627	
10 450	33 566	23.31	58.44	45.21	0.1835	0.4603	0.3561	139.6	19 498	−1 498c	
12 460	33 568	21.73	59.28	29.75	0.1962	0.5351	0.2686	124.1	21 507	−1 507c	
13 465	33 569	21.68	60.14	23.17	0.2065	0.5727	0.2206	117.8	22 514	−1 514c	
14 470	34 571	22.57	61.52	17.72	0.2217	0.6041	0.174	112.3	24 522	−1 522c	
14 475	35 575	25.39	64.53	17.73	0.2358	0.5994	0.1646	110.0	25 525	−1 525c	Gm
16 480	36 581	29.91	68.21	10.05	0.2765	0.6305	0.0929	100.8	27 538	−1 538c	
17 485	39 595	42.54	76.7	7.54	0.3355	0.6049	0.0594	89.5	29 549	−1 549c	
18 490	−1 490c	83.34	94.54	5.63	0.4541	0.5151	0.0307	56.3	33 568	11 459	max
19 495	−1 495c	83.29	93.18	4.17	0.461	0.5157	0.0231	54.9	33 568	12 461	
19 500	−1 499c	83.29	93.18	4.17	0.461	0.5157	0.0231	54.9	33 568	12 461	
22 510	−1 510c	83.16	86.74	1.54	0.485	0.5059	0.0089	48.6	34 571	13 469	
24 520	−1 520c	82.54	80.14	0.78	0.5049	0.4902	0.0047	42.4	34 574	14 473	Ym
26 530	−1 530c	80.98	72.11	0.37	0.5276	0.4698	0.0024	35.0	35 577	15 477	
28 540	−1 540c	78.25	63.21	0.18	0.5524	0.4462	0.0012	27.2	36 581	15 479	
29 545	−1 545c	76.4	58.59	0.13	0.5654	0.4336	0.0009	23.3	36 583	16 480	
29 550	−1 549c	76.4	58.59	0.13	0.5654	0.4336	0.0009	23.3	36 583	16 480	
30 555	−1 554c	74.18	53.92	0.09	0.5786	0.4205	0.0007	19.5	37 585	16 482	
32 560	−1 560c	68.62	44.64	0.05	0.6055	0.3939	0.0005	12.5	38 590	16 483	
32 564	1 405	67.53	42.57	1.71	0.6039	0.3807	0.0153	9.9	38 592	16 484	Rm
33 565	6 435	71.23	42.08	22.09	0.526	0.3107	0.1632	353.3	45 627	17 488	
33 566	10 450	76.68	41.55	54.78	0.4432	0.2401	0.3166	319.7	−1 498c	19 498	
33 568	12 460	78.26	40.71	70.24	0.4135	0.2151	0.3712	304.2	−1 507c	21 507	
33 569	13 465	78.31	39.85	76.83	0.4015	0.2043	0.394	297.9	−1 514c	22 514	
34 571	14 470	77.42	38.47	82.27	0.3906	0.1941	0.4151	292.4	−1 522c	24 522	
35 575	14 475	74.61	35.46	82.27	0.3878	0.1843	0.4277	290.1	−1 525c	25 525	Mm
36 581	16 480	70.08	31.78	89.94	0.3653	0.1656	0.4689	280.8	−1 538c	27 538	
39 595	17 485	57.45	23.29	92.46	0.3317	0.1344	0.5337	269.5	−1 549c	29 549	
−1 490c	18 490	16.65	5.45	94.36	0.1429	0.0468	0.8101	236.4	11 459	33 568	min
−1 495c	19 495	16.7	6.81	95.82	0.1399	0.0571	0.8029	235.0	12 461	33 568	
−1 499c	19 500	16.7	6.81	95.82	0.1399	0.0571	0.8029	235.0	12 461	33 568	
−1 510c	22 510	16.83	13.25	98.45	0.1309	0.1031	0.7659	228.6	13 469	34 571	
−1 520c	24 520	17.45	19.85	99.22	0.1278	0.1454	0.7267	222.4	14 473	34 574	Bm
−1 530c	26 530	19.01	27.88	99.62	0.1297	0.1903	0.6798	215.1	15 477	35 577	
−1 540c	28 540	21.74	36.78	99.81	0.1373	0.2323	0.6303	207.2	15 479	36 581	
−1 545c	29 545	23.59	41.4	99.86	0.1431	0.2511	0.6057	203.3	16 480	36 583	
−1 549c	29 550	23.59	41.4	99.86	0.1431	0.2511	0.6057	203.3	16 480	36 583	
−1 554c	30 555	25.81	46.07	99.9	0.1502	0.2682	0.5815	199.5	16 482	37 585	
−1 560c	32 560	31.37	55.35	99.94	0.168	0.2965	0.5353	192.5	16 483	38 590	
380	770	100.0	100.0	100.0	0.3333	0.3333	0.3333	0.0			

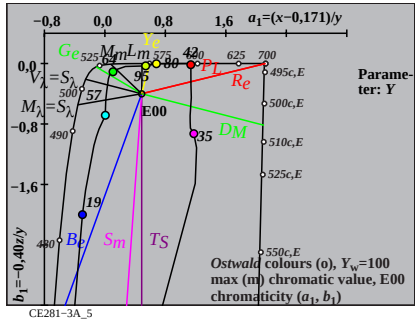
1−000430−L0 CE280−7N_16



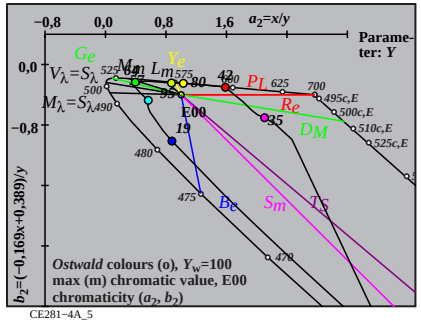
CE281−1A_5



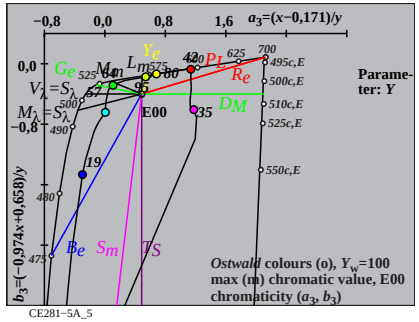
CE281−2A_5



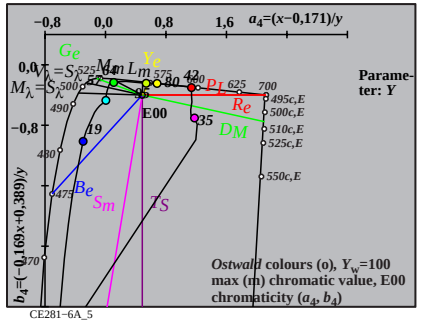
CE281−3A_5



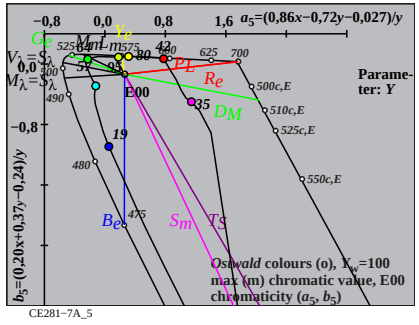
CE281−4A_5



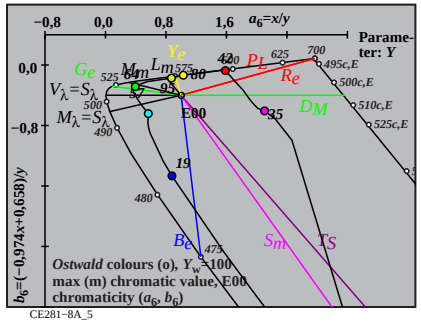
CE281−5A_5



CE281−6A_5



CE281−7A_5



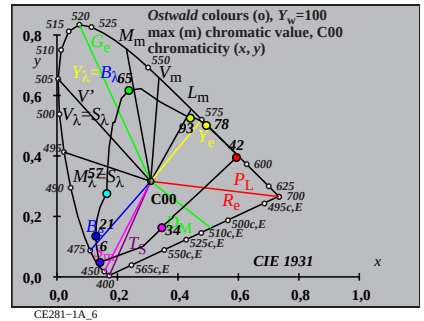
CE281−8A_5

TUB-test chart CE28; CIE (*x*, *y*) and chromaticities (a_i, b_i) input: *w/rgb/cmyk −> rgb*
Ostwald optimal colours for illuminant E00; diagram for illuminant E00, Y_W=100

***Ostwald* optimal colours (o) of maximum (m) C_{AB} for C00, Y_w=100, Y_m=520_770**

i_1, λ_1	i_2, λ_2	*X*	*Y*	*Z*	*x*	*y*	*z*	h_{xy}	i_d, λ_d	i_c, λ_c	Code
1 405	32 562	34.5	57.68	117.03	0.1649	0.2756	0.5593	195.5	16 482	37 589	Cm
6 435	32 563	30.59	58.35	95.14	0.1661	0.3169	0.5168	179.6	17 486	42 612	
10 450	32 564	23.8	59.09	54.97	0.1726	0.4286	0.3987	140.6	19 496	−1 496c	
11 460	33 566	23.39	60.53	45.09	0.1813	0.4691	0.3494	130.0	20 501	−1 501c	
13 465	33 568	21.76	61.21	27.67	0.1967	0.5531	0.2501	115.5	22 513	−1 513c	
14 470	34 570	22.73	62.96	20.9	0.2132	0.5906	0.1961	109.4	24 522	−1 522c	
15 475	35 575	25.45	65.92	15.51	0.2381	0.6167	0.1451	103.4	26 530	−1 530c	Gm
16 480	36 582	31.68	71.08	11.37	0.2775	0.6227	0.0996	96.0	28 540	−1 540c	
16 485	40 602	48.83	82.56	11.39	0.342	0.5781	0.0798	83.0	30 551	−1 551c	
18 490	−1 490c	78.39	93.33	6.01	0.441	0.525	0.0338	57.8	33 566	11 459	max
19 495	−1 495c	78.34	91.77	4.32	0.449	0.526	0.0248	56.4	33 567	12 462	
19 500	−1 499c	78.34	91.77	4.32	0.449	0.526	0.0248	56.4	33 567	12 462	
21 510	−1 509c	78.29	87.66	2.16	0.4656	0.5214	0.0128	52.8	33 568	13 466	
24 520	−1 520c	77.6	78.6	0.78	0.4943	0.5006	0.0049	45.0	34 572	14 472	Ym
26 530	−1 530c	76.06	70.68	0.38	0.5169	0.4804	0.0026	38.4	35 575	15 475	
28 540	−1 540c	73.26	61.57	0.18	0.5425	0.456	0.0013	31.0	35 579	15 478	
28 545	−1 544c	73.26	61.57	0.18	0.5425	0.456	0.0013	31.0	35 579	15 478	
29 550	−1 549c	71.31	56.72	0.13	0.5563	0.4425	0.001	27.1	36 581	15 479	
31 555	−1 555c	66.23	46.84	0.07	0.5853	0.4139	0.0006	19.5	37 586	16 481	
31 560	−1 559c	66.23	46.84	0.07	0.5853	0.4139	0.0006	19.5	37 586	16 481	
32 562	1 405	63.56	42.31	1.19	0.5936	0.3952	0.0111	15.5	37 589	16 482	Rm
32 563	6 435	67.47	41.64	23.08	0.5104	0.315	0.1745	359.6	42 612	17 486	
32 564	10 450	74.26	40.9	63.25	0.4162	0.2292	0.3544	320.7	−1 496c	19 496	
33 566	11 460	74.67	39.46	73.13	0.3987	0.2107	0.3905	310.1	−1 501c	20 501	
33 568	13 465	76.3	38.78	90.54	0.371	0.1886	0.4403	295.5	−1 513c	22 513	
34 570	14 470	75.33	37.03	97.31	0.3592	0.1766	0.4641	289.4	−1 522c	24 522	
35 575	15 475	72.61	34.07	102.71	0.3467	0.1627	0.4905	283.4	−1 530c	26 530	Mm
36 582	16 480	66.38	28.91	106.84	0.3284	0.143	0.5285	276.0	−1 540c	28 540	
40 602	16 485	49.23	17.43	106.83	0.2837	0.1005	0.6157	263.0	−1 551c	30 551	
−1 490c	18 490	19.67	6.66	112.2	0.142	0.0481	0.8098	237.9	11 459	33 566	min
−1 495c	19 495	19.72	8.22	113.89	0.139	0.0579	0.8029	236.4	12 462	33 567	
−1 499c	19 500	19.72	8.22	113.89	0.139	0.0579	0.8029	236.4	12 462	33 567	
−1 509c	21 510	19.77	12.33	116.05	0.1334	0.0832	0.7833	232.8	13 466	33 568	
−1 520c	24 520	20.46	21.39	117.44	0.1284	0.1342	0.7372	225.0	14 472	34 572	Bm
−1 530c	26 530	22.0	29.31	117.83	0.1301	0.1732	0.6966	218.4	15 475	35 575	
−1 540c	28 540	24.8	38.42	118.03	0.1368	0.2119	0.6511	211.0	15 478	35 579	
−1 544c	28 545	24.8	38.42	118.03	0.1368	0.2119	0.6511	211.0	15 478	35 579	
−1 549c	29 550	26.75	43.27	118.09	0.1422	0.23	0.6277	207.1	15 479	36 581	
−1 555c	31 555	31.83	53.15	118.15	0.1567	0.2616	0.5816	199.5	16 481	37 586	
−1 559c	31 560	31.83	53.15	118.15	0.1567	0.2616	0.5816	199.5	16 481	37 586	
380	770	98.07	100.0	118.22	0.31	0.3161	0.3737	0.0			

1−000530−L0 CE280−7N_16



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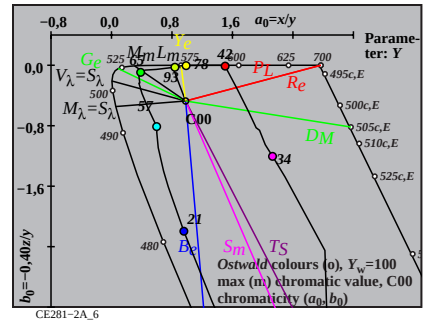

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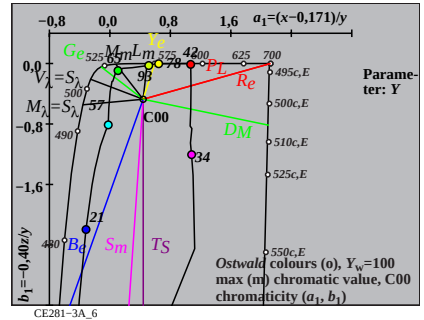

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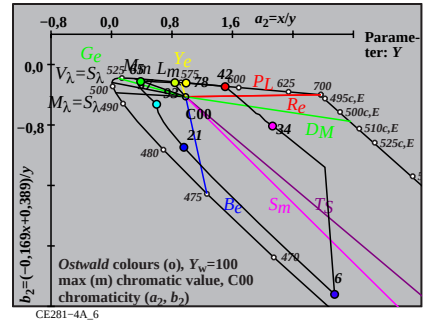

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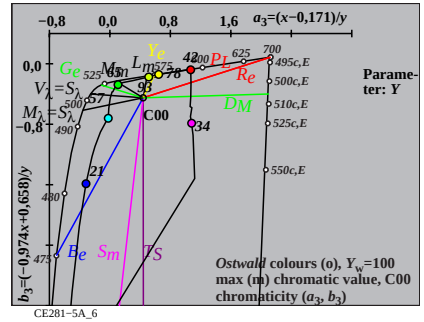

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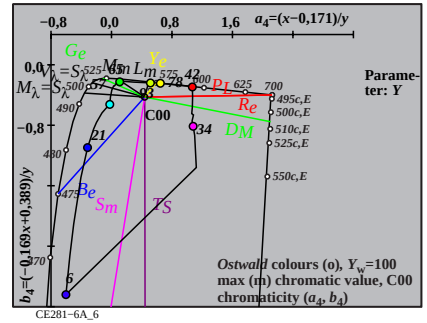

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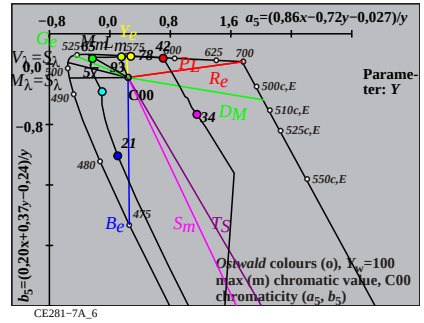

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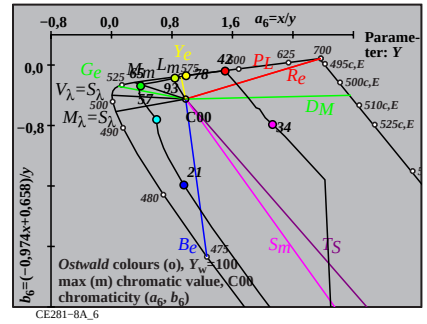


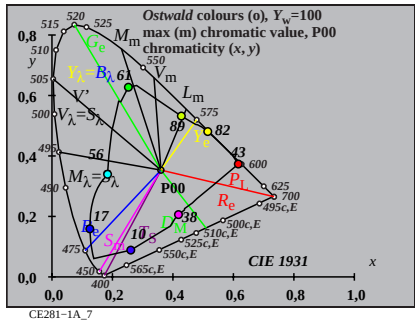
CE281−8A_6

TUB-test chart CE28; CIE (*x*, *y*) and chromaticities (a_i, b_i) input: *w/rgb/cmyk −> rgb*
Ostwald optimal colours for illuminant C00; diagram for illuminant C00, Y_w=100

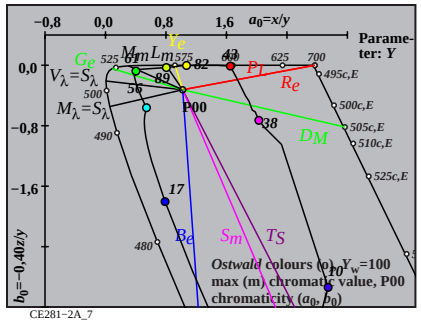
***Ostwald* optimal colours (o) of maximum (m) C_{AB} for P00, Y_w=100, Y_m=520_770**

i_1, λ_1	i_2, λ_2	*X*	*Y*	*Z*	*x*	*y*	*z*	h_{xy}	i_d, λ_d	i_c, λ_c	Code
1 405	33 567	30.75	56.81	79.81	0.1837	0.3394	0.4768	184.4	17 486	38 594	Cm
7 435	33 567	26.73	57.13	58.13	0.1882	0.4023	0.4093	164.0	18 491	−1 491c	
10 450	33 568	23.65	57.64	38.32	0.1977	0.4818	0.3204	141.6	19 499	−1 499c	
12 460	34 570	22.35	58.3	25.63	0.2103	0.5485	0.2411	127.5	21 507	−1 507c	
13 465	34 571	22.38	58.95	20.14	0.2205	0.5809	0.1984	121.5	22 513	−1 513c	
13 470	34 572	23.76	60.46	20.14	0.2277	0.5792	0.1929	120.4	23 515	−1 515c	
15 475	35 575	24.94	61.97	11.85	0.2524	0.6274	0.12	111.4	25 529	−1 529c	Gm
16 480	36 580	28.9	65.35	8.98	0.2799	0.6329	0.087	106.0	27 537	−1 537c	
17 485	37 589	37.81	71.71	6.79	0.325	0.6164	0.0584	97.6	29 547	−1 547c	
18 490	45 625	72.2	88.93	5.13	0.4342	0.5348	0.0308	67.8	32 564	−1 564c	max
18 495	−1 494c	88.77	95.36	5.13	0.469	0.5038	0.0271	54.2	34 570	12 460	
20 500	−1 500c	88.71	92.62	2.81	0.4817	0.5029	0.0153	50.9	34 571	13 465	
22 510	−1 510c	88.6	88.31	1.45	0.4967	0.495	0.0081	46.1	34 573	14 470	
24 520	−1 520c	88.03	82.18	0.75	0.5148	0.4807	0.0043	39.5	35 575	14 474	Ym
25 530	−1 529c	87.42	78.53	0.53	0.525	0.4717	0.0032	35.7	35 577	15 476	
28 540	−1 540c	83.92	66.0	0.18	0.559	0.4397	0.0012	23.5	36 582	16 481	
28 545	−1 544c	83.92	66.0	0.18	0.559	0.4397	0.0012	23.5	36 582	16 481	
30 550	−1 550c	79.92	56.88	0.1	0.5837	0.4155	0.0007	15.5	37 586	16 483	
30 555	−1 554c	79.92	56.88	0.1	0.5837	0.4155	0.0007	15.5	37 586	16 483	
32 560	−1 560c	74.35	47.6	0.06	0.6093	0.3901	0.0005	8.4	38 591	17 485	
33 567	1 405	71.3	43.18	1.24	0.6161	0.3731	0.0107	4.4	38 594	17 486	Rm
33 567	7 435	75.32	42.86	22.92	0.5338	0.3037	0.1624	344.0	−1 491c	18 491	
33 568	10 450	78.41	42.35	42.73	0.4795	0.259	0.2613	321.6	−1 499c	19 499	
34 570	12 460	79.71	41.69	55.42	0.4507	0.2357	0.3134	307.5	−1 507c	21 507	
34 571	13 465	79.68	41.04	60.91	0.4386	0.2259	0.3353	301.5	−1 513c	22 513	
34 572	13 470	78.29	39.53	60.91	0.438	0.2211	0.3407	300.4	−1 515c	23 515	
35 575	15 475	77.12	38.02	69.2	0.4183	0.2062	0.3753	291.5	−1 529c	25 529	Mm
36 580	16 480	73.15	34.64	72.07	0.4067	0.1925	0.4006	286.0	−1 537c	27 537	
37 589	17 485	64.24	28.28	74.26	0.3851	0.1695	0.4452	277.6	−1 547c	29 547	
45 625	18 490	29.85	11.06	75.92	0.2555	0.0946	0.6497	247.9	−1 564c	32 564	min
−1 494c	18 495	13.29	4.63	75.92	0.1416	0.0493	0.809	234.2	12 460	34 570	
−1 500c	20 500	13.35	7.37	78.24	0.1349	0.0745	0.7905	231.0	13 465	34 571	
−1 510c	22 510	13.45	11.68	79.6	0.1284	0.1115	0.7599	226.1	14 470	34 573	
−1 520c	24 520	14.03	17.81	80.3	0.1251	0.1588	0.716	219.5	14 474	35 575	Bm
−1 529c	25 530	14.64	21.46	80.52	0.1255	0.184	0.6904	215.7	15 476	35 577	
−1 540c	28 540	18.14	33.99	80.87	0.1364	0.2555	0.608	203.5	16 481	36 582	
−1 544c	28 545	18.14	33.99	80.87	0.1364	0.2555	0.608	203.5	16 481	36 582	
−1 550c	30 550	22.14	43.11	80.96	0.1514	0.2948	0.5537	195.5	16 483	37 586	
−1 554c	30 555	22.14	43.11	80.96	0.1514	0.2948	0.5537	195.5	16 483	37 586	
−1 560c	32 560	27.71	52.39	80.99	0.172	0.3252	0.5027	188.4	17 485	38 591	
380	770	102.06	100.0	81.06	0.3604	0.3531	0.2863	0.0			

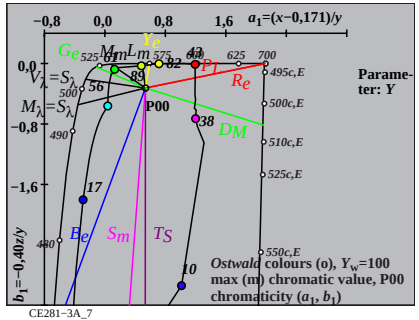
1−000630−L0 CE280−7N_16



CE281−1A_7



CE281−2A_7



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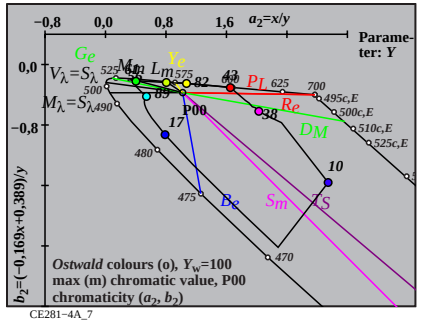

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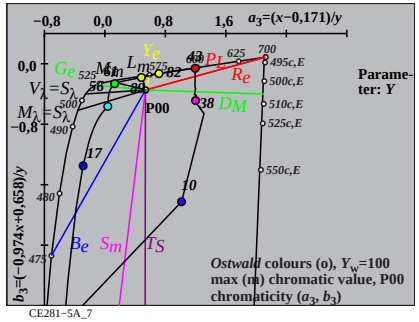
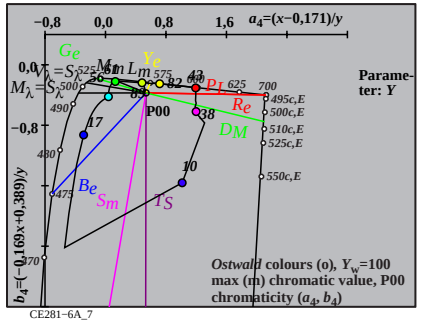


CE281−5A_7



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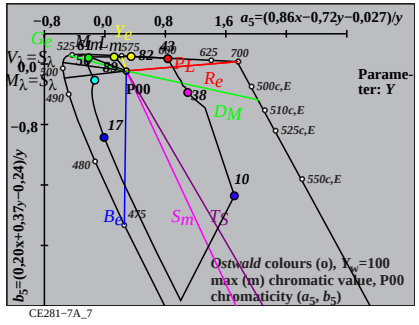

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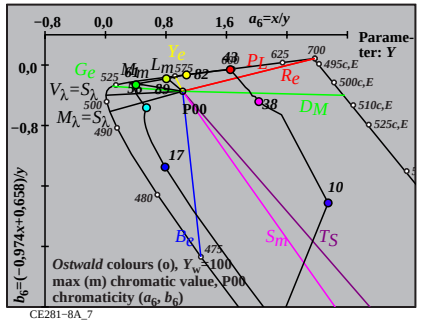


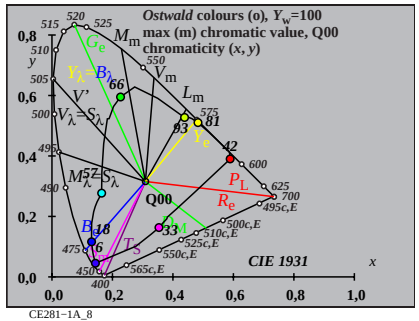
CE281−8A_7

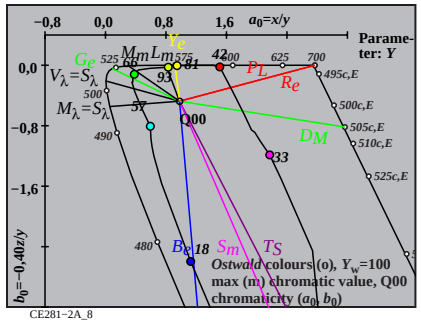
TUB-test chart CE28; CIE (*x*, *y*) and chromaticities (a_i, b_i) input: *w/rgb/cmyk −> rgb*
Ostwald optimal colours for illuminant P00; diagram for illuminant P00, Y_w=100

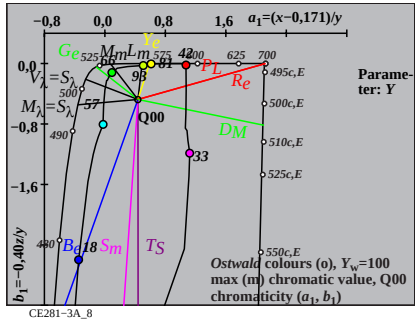
***Ostwald* optimal colours (o) of maximum (m) C_{AB} for Q00, Y_w=100, Y_m=520_770**

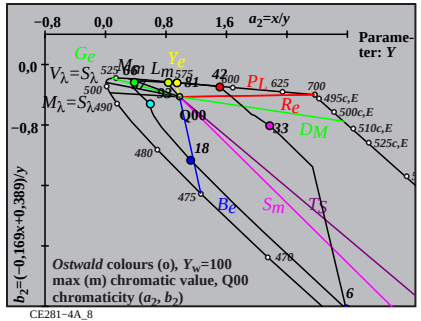
i_1, λ_1	i_2, λ_2	X	Y	Z	x	y	z	h_{xy}	i_d, λ_d	i_c, λ_c	Code
1 405	32 562	34.3	57.89	116.76	0.1641	0.277	0.5587	194.9	16 482	38 590	Cm
7 435	32 562	27.73	58.38	81.9	0.165	0.3474	0.4874	167.4	17 488	−1 488c	
10 450	32 564	22.97	59.19	52.11	0.171	0.4408	0.388	137.7	19 497	−1 497c	
11 460	33 566	22.58	60.58	42.66	0.1795	0.4814	0.339	127.9	20 502	−1 502c	
12 465	33 568	22.28	61.7	33.88	0.189	0.5234	0.2874	119.9	21 508	−1 508c	
14 470	34 570	22.03	62.97	19.9	0.21	0.6002	0.1896	109.1	24 522	−1 522c	
15 475	35 575	24.72	65.9	14.92	0.2342	0.6243	0.1413	103.6	26 530	−1 530c	Gm
16 480	36 582	30.96	71.11	11.12	0.2735	0.6281	0.0982	96.4	27 539	−1 539c	
17 485	40 602	48.5	81.95	8.28	0.3496	0.5907	0.0596	81.5	30 552	−1 552c	
17 490	−1 489c	78.03	94.93	8.28	0.4305	0.5237	0.0457	59.7	33 565	11 455	max
18 495	−1 494c	77.91	93.71	6.13	0.4382	0.5271	0.0345	58.5	33 565	11 458	
20 500	−1 500c	77.84	90.31	3.26	0.4541	0.5268	0.019	55.5	33 567	12 463	
21 510	−1 509c	77.81	87.98	2.31	0.4628	0.5233	0.0137	53.4	33 568	13 465	
23 520	−1 519c	77.48	81.84	1.14	0.4828	0.51	0.0071	48.1	34 571	14 470	Ym
26 530	−1 530c	75.41	69.63	0.38	0.5185	0.4788	0.0026	37.9	35 576	15 475	
27 540	−1 539c	74.15	65.08	0.26	0.5315	0.4665	0.0018	34.1	35 578	15 477	
28 545	−1 544c	72.59	60.41	0.18	0.545	0.4536	0.0013	30.3	36 580	15 478	
29 550	−1 549c	70.69	55.69	0.13	0.5587	0.4402	0.001	26.5	36 582	15 479	
30 555	−1 554c	68.45	50.96	0.09	0.5727	0.4264	0.0007	22.7	36 584	16 480	
31 560	−1 559c	65.85	46.27	0.07	0.5869	0.4124	0.0006	19.2	37 587	16 481	
32 562	1 405	63.62	42.1	2.18	0.5895	0.3901	0.0202	14.8	38 590	16 482	Rm
32 562	7 435	70.19	41.61	37.05	0.4715	0.2795	0.2488	347.5	−1 488c	17 488	
32 564	10 450	74.95	40.8	66.84	0.4104	0.2234	0.366	317.7	−1 497c	19 497	
33 566	11 460	75.34	39.41	76.28	0.3943	0.2062	0.3993	308.0	−1 502c	20 502	
33 568	12 465	75.64	38.29	85.07	0.3801	0.1924	0.4274	300.0	−1 508c	21 508	
34 570	14 470	75.89	37.02	99.05	0.358	0.1746	0.4672	289.2	−1 522c	24 522	
35 575	15 475	73.2	34.09	104.03	0.3464	0.1613	0.4922	283.6	−1 530c	26 530	Mm
36 582	16 480	66.96	28.88	107.82	0.3287	0.1418	0.5293	276.5	−1 539c	27 539	
40 602	17 485	49.42	18.04	110.67	0.2774	0.1012	0.6212	261.6	−1 552c	30 552	
−1 489c	17 490	19.89	5.06	110.66	0.1466	0.0373	0.8159	239.7	11 455	33 565	min
−1 494c	18 495	20.01	6.28	112.81	0.1438	0.0451	0.8109	238.5	11 458	33 565	
−1 500c	20 500	20.08	9.68	115.69	0.138	0.0665	0.7953	235.5	12 463	33 567	
−1 509c	21 510	20.11	12.01	116.64	0.1352	0.0807	0.784	233.5	13 465	33 568	
−1 519c	23 520	20.44	18.15	117.8	0.1307	0.116	0.7532	228.2	14 470	34 571	Bm
−1 530c	26 530	22.51	30.36	118.56	0.1313	0.177	0.6915	217.9	15 475	35 576	
−1 539c	27 540	23.77	34.91	118.69	0.134	0.1968	0.6691	214.1	15 477	35 578	
−1 544c	28 545	25.34	39.58	118.77	0.1379	0.2154	0.6465	210.3	15 478	36 580	
−1 549c	29 550	27.23	44.3	118.82	0.143	0.2327	0.6241	206.5	15 479	36 582	
−1 554c	30 555	29.48	49.03	118.85	0.1493	0.2484	0.6021	202.8	16 480	36 584	
−1 559c	31 560	32.08	53.72	118.88	0.1567	0.2624	0.5807	199.2	16 481	37 587	
380	770	97.93	100.0	118.95	0.309	0.3155	0.3753	0.0			

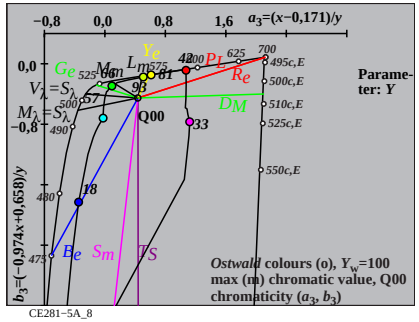
1−000730−L0 CE280−7N_16

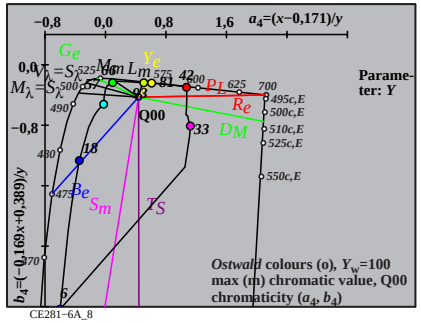


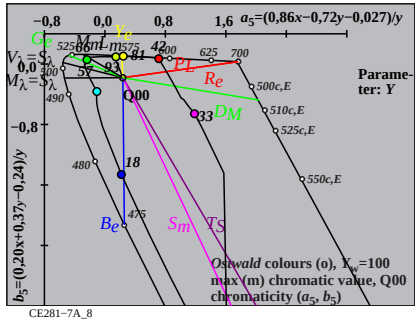


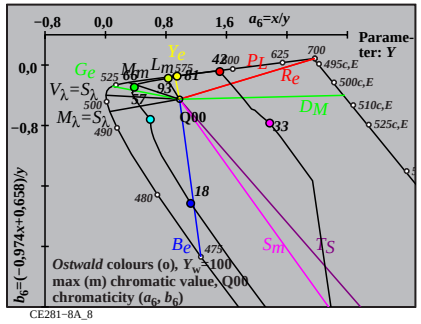












TUB-test chart CE28; CIE (*x*, *y*) and chromaticities (a_i, b_i) input: *w/rgb/cmyk −> rgb*
Ostwald optimal colours for illuminant Q00; diagram for illuminant Q00, Y_w=100