

see similar files: <http://farbe.li.tu-berlin.de/CEW8/CEW8.HTM>
technical information: <http://farbe.li.tu-berlin.de> or <http://130.149.60.45/~farbmetrik>

Ostwald optimal colours (o), maximum (m) C _{AB} for D50, Y _N =0, Y _W =100, Y _m =520_770														
i ₁ , λ ₁	i ₂ , λ ₂	Y	A ₁	B ₁	C _{AB,1}	a ₁	b ₁	h _{xy,1}	i _d , λ _d	i _c , λ _c	Code			
1 405	32 564	53.83	-58.36	-29.05	65.19	0.2236	-0.5457	206.4	17 486	38 592	Cm			
7 435	33 565	53.61	-60.85	-13.59	62.35	0.2032	-0.4313	192.5	18 490	46 631				
10 450	33 566	54.16	-63.04	5.01	63.24	0.1916	-0.2928	175.4	19 497	-1 497c				
12 460	33 567	54.86	-63.72	17.85	66.17	0.1926	-0.1997	164.3	21 506	-1 506c				
13 465	33 568	55.56	-63.67	23.7	67.94	0.1988	-0.1592	159.5	22 512	-1 512c				
14 470	34 570	56.11	-63.21	28.57	69.37	0.2066	-0.1261	155.6	23 519	-1 519c	Gm			
15 475	34 573	58.04	-62.0	33.75	70.59	0.2299	-0.0973	151.4	25 527	-1 527c				
15 480	35 578	61.49	-60.85	36.59	71.01	0.2613	-0.0919	148.9	26 532	-1 532c				
17 485	37 587	66.01	-53.55	45.14	70.04	0.3327	-0.0563	139.8	28 544	-1 544c				
18 490	44 620	79.56	-21.36	57.86	61.68	0.5498	-0.0389	110.2	32 561	-1 561c				
19 495	-1 495c	84.51	3.56	63.16	63.26	0.674	-0.0309	86.7	33 568	12 463	max			
20 500	-1 500c	83.07	6.55	62.93	63.27	0.6888	-0.0268	84.0	33 569	13 466				
22 510	-1 510c	79.06	14.38	60.89	62.56	0.73	-0.0218	76.7	34 571	14 471				
23 520	-1 519c	76.43	19.11	59.1	62.11	0.7572	-0.0205	72.0	34 572	14 473	Ym			
25 530	-1 529c	69.95	29.61	54.23	61.8	0.8265	-0.0197	61.3	35 575	15 477				
27 540	-1 539c	62.35	40.06	48.22	62.69	0.9142	-0.0205	50.2	35 579	16 480				
28 545	-1 544c	58.33	44.79	44.97	63.47	0.9643	-0.0214	45.1	36 581	16 481				
29 550	-1 549c	54.19	49.04	41.6	64.31	1.0192	-0.0227	40.3	36 583	16 483				
30 555	-1 554c	50.01	52.65	38.19	65.05	1.0783	-0.0244	35.9	37 585	16 484				
32 560	-1 560c	41.85	57.44	31.49	65.51	1.2062	-0.0288	28.7	38 590	17 486				
32 564	1 405	46.16	58.36	29.05	65.19	1.1629	-0.078	26.4	38 592	17 486	Rm			
33 565	7 435	46.38	60.85	13.59	62.35	1.182	-0.2126	12.5	46 631	18 490				
33 566	10 450	45.83	63.03	-5.01	63.23	1.2074	-0.3736	355.4	-1 497c	19 497				
33 567	12 460	45.13	63.7	-17.84	66.16	1.2217	-0.488	344.3	-1 506c	21 506				
33 568	13 465	44.43	63.66	-23.7	67.93	1.2302	-0.5432	339.5	-1 512c	22 512				
34 570	14 470	43.88	63.2	-28.57	69.36	1.2333	-0.5903	335.6	-1 519c	23 519	Mm			
34 573	15 475	41.95	61.98	-33.74	70.57	1.2483	-0.6516	331.4	-1 527c	25 527				
35 578	15 480	38.5	60.84	-36.57	70.99	1.2893	-0.7099	328.9	-1 532c	26 532				
37 587	17 485	33.98	53.54	-45.12	70.02	1.2874	-0.861	319.8	-1 544c	28 544				
44 620	18 490	20.43	21.35	-57.83	61.65	1.0751	-1.4618	290.2	-1 561c	32 561				
-1 495c	19 495	15.48	-3.55	-63.13	63.23	0.5652	-1.9609	266.7	12 463	33 568	min			
-1 500c	20 500	16.92	-6.55	-62.9	63.24	0.5023	-1.8165	264.0	13 466	33 569				
-1 510c	22 510	20.93	-14.37	-60.86	62.54	0.3825	-1.4926	256.7	14 471	34 571				
-1 519c	23 520	23.56	-19.11	-59.08	62.09	0.3328	-1.3327	252.0	14 473	34 572	Bm			
-1 529c	25 530	30.04	-29.61	-54.22	61.78	0.2629	-1.0518	241.3	15 477	35 575				
-1 539c	27 540	37.64	-40.05	-48.21	62.68	0.2316	-0.8422	230.2	16 480	35 579				
-1 544c	28 545	41.66	-44.78	-44.97	63.46	0.2273	-0.7615	225.1	16 481	36 581				
-1 549c	29 550	45.8	-49.03	-41.6	64.31	0.229	-0.6931	220.3	16 483	36 583				
-1 554c	30 555	49.98	-52.65	-38.19	65.04	0.2358	-0.6355	215.9	16 484	37 585				
-1 560c	32 560	58.14	-57.44	-31.49	65.51	0.262	-0.5465	208.7	17 486	38 590				
W0	380	770	100.0	0.0	0.0	0.6572	-0.3298	0.0	B _c =1,000					
N0	380	770	4.0	0.0	0.0	0.6572	-0.3298	0.0	x _c =0,110					

CEW80-7N

TUB-test chart CEW8; Hue circle of the Ostwald optimal colours with Y values, Y_N=0,0, Y_W=100
Data: YA₁B₁C_{AB,1}h_{AB,1} and YA₂B₂C_{AB,2}h_{AB,2} as table with different wavelength, D50-02

1-000100-F0

Ostwald optimal colours (o), maximum (m) C _{AB} for D50, Y _N =0, Y _W =100, Y _m =520_770														
i ₁ , λ ₁	i ₂ , λ ₂	Y	A ₂	B ₂	C _{AB,2}	a ₂	b ₂	h _{xy,2}	i _d , λ _d	i _c , λ _c	Code			
1 405	32 564	53.83	-58.36	-29.05	65.19	0.2236	-0.5457	206.4	17 486	38 592	Cm			
7 435	33 565	53.61	-60.85	-13.59	62.35	0.2032	-0.4313	192.5	18 490	46 631				
10 450	33 566	54.16	-63.04	5.01	63.24	0.1916	-0.2928	175.4	19 497	-1 497c				
12 460	33 567	54.86	-63.72	17.85	66.17	0.1926	-0.1997	164.3	21 506	-1 506c				
13 465	33 568	55.56	-63.67	23.7	67.94	0.1988	-0.1592	159.5	22 512	-1 512c				
14 470	34 570	56.11	-63.21	28.57	69.37	0.2066	-0.1261	155.6	23 519	-1 519c	Gm			
15 475	34 573	58.04	-62.0	33.75	70.59	0.2299	-0.0973	151.4	25 527	-1 527c				
15 480	35 578	61.49	-60.85	36.59	71.01	0.2613	-0.0919	148.9	26 532	-1 532c				
17 485	37 587	66.01	-53.55	45.14	70.04	0.3327	-0.0563	139.8	28 544	-1 544c				
18 490	44 620	79.56	-21.36	57.86	61.68	0.5498	-0.0389	110.2	32 561	-1 561c				
19 495	-1 495c	84.51	3.56	63.16	63.26	0.674	-0.0309	86.7	33 568	12 463	max			
20 500	-1 500c	83.07	6.55	62.93	63.27	0.6888	-0.0268	84.0	33 569	13 466				
22 510	-1 510c	79.06	14.38	60.89	62.56	0.73	-0.0218	76.7	34 571	14 471				
23 520	-1 519c	76.43	19.11	59.1	62.11	0.7572	-0.0205	72.0	34 572	14 473	Ym			
25 530	-1 529c	69.95	29.61	54.23	61.8	0.8265	-0.0197	61.3	35 575	15 477				
27 540	-1 539c	62.35	40.06	48.22	62.69	0.9142	-0.0205	50.2	35 579	16 480				
28 545	-1 544c	58.33	44.79	44.97	63.47	0.9643	-0.0214	45.1	36 581	16 481				
29 550	-1 549c	54.19	49.04	41.6	64.31	1.0192	-0.0227	40.3	36 583	16 483				
30 555	-1 554c	50.01	52.65	38.19	65.05	1.0783	-0.0244	35.9	37 585	16 484				
32 560	-1 560c	41.85	57.44	31.49	65.51	1.2062	-0.0288	28.7	38 590	17 486				
32 564	1 405	46.16	58.36	29.05	65.19	1.1629	-0.078	26.4	38 592	17 486	Rm			
33 565	7 435	46.38	60.85	13.59	62.35	1.182	-0.2126	12.5	46 631	18 490				
33 566	10 450	45.83	63.03	-5.01	63.23	1.2074	-0.3736	355.4	-1 497c	19 497				
33 567	12 460	45.13	63.7	-17.84	66.16	1.2217	-0.488	344.3	-1 506c	21 506				
33 568	13 465	44.43	63.66	-23.7	67.93	1.2302	-0.5432	339.5	-1 512c	22 512				
34 570	14 470	43.88	63.2	-28.57	69.36	1.2333	-0.5903	335.6	-1 519c	23 519	Mm			
34 573	15 475	41.95	61.98	-33.74	70.57	1.2483	-0.6516	331.4	-1 527c	25 527				
35 578	15 480	38.5	60.84	-36.57	70.99	1.2893	-0.7099	328.9	-1 532c	26 532				
37 587	17 485	33.98	53.54	-45.12	70.02	1.2874	-0.861	319.8	-1 544c	28 544				
44 620	18 490	20.43	21.35	-57.83	61.65	1.0751	-1.4618	290.2	-1 561c	32 561				
-1 495c	19 495	15.48	-3.55	-63.13	63.23	0.5652	-1.9609	266.7	12 463	33 568	min			
-1 500c	20 500	16.92	-6.55	-62.9	63.24	0.5023	-1.8165	264.0	13 466	33 569				
-1 510c	22 510	20.93	-14.37	-60.86	62.54	0.3825	-1.4926	256.7	14 471	34 571				
-1 519c	23 520	23.56	-19.11	-59.08	62.09	0.3328	-1.3327	252.0	14 473	34 572	Bm			
-1 529c	25 530	30.04	-29.61	-54.22	61.78	0.2629	-1.0518	241.3	15 477	35 575				
-1 539c	27 540	37.64	-40.05	-48.21	62.68	0.2316	-0.8422	230.2	16 480	35 579				
-1 544c	28 545	41.66	-44.78	-44.97	63.46	0.2273	-0.7615	225.1	16 481	36 581				
-1 549c	29 550	45.8	-49.03	-41.6	64.31	0.229	-0.6931	220.3	16 483	36 583				
-1 554c	30 555	49.98	-52.65	-38.19	65.04	0.2358	-0.6355	215.9	16 484	37 585				
-1 560c	32 560	58.14	-57.44	-31.49	65.51	0.262	-0.5465	208.7	17 486	38 590				
W0 380	770	100.0	0.0	0.0	0.0	0.6572	-0.3298	0.0	B _c =1,000					
N0 380	770	4.0	0.0	0.0	0.0	0.6572	-0.3298	0.0	x _c =0,110					