

Ostwald optimal colours (o), maximum (m) C_{AB,10} for D65, Y_{N,10}=3.6, Y_{W,10}=90, Y_m=520 770

l	λ ₁	λ ₂	Y ₁₀	A _{1,10}	B _{1,10}	C _{AB,10,10}	l ₁₀	b _{1,10}	h _{xy,1,10,d}	l _c	λ _c	Code
0	405	31 556	52.33	-52.91	-39.71	66.16	0.2111	-0.7327 216.8	15 476	37 585	Cm	
6	435	31 557	53.26	-56.05	-18.94	59.17	0.1946	-0.5715 198.6	16 480	44 621		
10	450	31 559	53.56	-58.87	13.42	60.38	0.1759	-0.3289 167.1	18 492	-1 492c		
11	460	32 562	54.81	-58.9	22.73	63.14	0.1857	-0.2632 158.8	19 498	-1 498c		
12	465	33 565	56.0	-58.53	31.19	66.32	0.1975	-0.2064 151.9	21 506	-1 506c		
14	470	34 570	57.89	-55.44	44.41	71.03	0.2325	-0.1223 141.3	24 522	-1 522c		
15	475	35 579	63.11	-49.55	53.89	73.21	0.3015	-0.0876 132.5	26 534	-1 534c Gm		
16	480	41 606	74.33	-26.68	68.78	73.78	0.472	-0.0519 111.2	30 550	-1 550c		
16	485	-1 484c	83.34	1.49	78.45	78.47	0.6227	-0.0526 88.9	32 560	10 454	max	
18	490	-1 490c	80.55	7.16	78.94	79.26	0.6511	-0.0372 84.8	32 562	11 459		
19	495	-1 495c	78.81	10.57	78.13	78.84	0.6692	-0.0326 82.2	32 563	12 461		
19	500	-1 499c	78.81	10.57	78.13	78.84	0.6692	-0.0326 82.2	32 563	12 461		
21	510	-1 510c	71.94	22.69	72.45	75.92	0.7417	-0.0263 72.6	33 566	13 466		
23	520	-1 519c	69.1	27.09	69.69	74.77	0.7724	-0.0258 68.7	33 568	13 468	Ym	
26	530	-1 530c	59.04	39.99	59.35	71.56	0.8865	-0.0271 56.0	34 573	14 472		
27	540	-1 539c	55.35	43.74	55.46	70.63	0.9316	-0.0284 51.7	35 576	14 473		
28	545	-1 544c	51.58	47.01	51.45	69.7	0.9801	-0.0302 47.5	35 578	14 474		
29	550	-1 549c	47.76	49.72	47.48	68.68	1.0319	-0.0324 43.6	36 580	15 475		
31	555	-1 555c	40.2	53.05	39.28	66.01	1.1433	-0.0384 36.7	37 586	15 476		
32	560	10 451	38.17	58.81	-13.05	60.25	1.2318	-0.566 347.4	-1 491c	18 491		
31	556	0 405	47.66	52.92	39.71	66.16	1.0597	-0.0958 36.8	37 585	15 476	Rm	
31	557	6 435	46.73	56.05	18.94	59.16	1.0952	-0.267 18.6	44 621	16 480		
31	559	10 450	46.43	58.86	-13.73	60.37	1.1227	-0.5448 347.1	-1 492c	18 492		
32	562	11 460	45.18	58.89	-22.62	63.12	1.1369	-0.6304 338.8	-1 498c	19 498		
33	565	12 465	43.99	58.51	-31.18	66.31	1.1476	-0.7128 331.9	-1 506c	21 506		
34	570	14 470	42.1	55.42	-44.39	71.01	1.142	-0.8509 321.3	-1 522c	24 522		
35	575	15 475	36.88	49.54	-53.87	73.19	1.1529	-1.0135 312.5	-1 534c	26 534	Mm	
41	606	16 480	25.66	26.67	-68.75	73.74	1.0313	-1.5009 291.2	-1 550c	30 550		
-1	484c	16 485	16.65	-1.49	-78.4	78.42	0.5796	-2.3126 268.9	10 454	32 560	min	
-1	490c	18 490	19.44	-7.16	-78.89	79.22	0.4682	-2.0519 264.8	11 459	32 562		
-1	495c	19 495	21.18	-10.56	-78.09	78.8	0.4161	-1.9035 262.2	12 461	32 563		
-1	499c	19 500	21.18	-10.56	-78.09	78.8	0.4161	-1.9035 262.2	12 461	32 563		
-1	510c	22 510	28.05	-22.68	-72.43	75.9	0.2921	-1.4619 252.6	13 466	33 566		
-1	519c	23 520	30.89	-27.08	-69.67	74.75	0.2648	-1.3312 248.7	13 468	33 568	Bm	
-1	530c	26 530	40.95	-39.98	-59.33	71.55	0.225	-1.0087 236.0	14 472	34 573		
-1	539c	27 540	44.64	-43.73	-55.45	70.62	0.2237	-0.926 231.7	14 473	35 576		
-1	544c	28 545	48.41	-47.01	-51.45	69.69	0.2271	-0.8543 227.5	14 474	35 578		
-1	549c	29 550	52.23	-49.72	-47.37	68.67	0.2348	-0.792 223.6	15 475	36 580		
-1	555c	31 555	59.79	-53.04	-39.27	66.0	0.2607	-0.6919 216.5	15 476	37 586		
10	451	32 560	61.82	-58.82	13.05	60.26	0.2349	-0.3447 167.4	18 491	-1 491c		
W0	380	770	90.0	0.0	0.0	0.0	0.6155	-0.4292 0.0	B _c =1,000			
N0	380	770	3.6	0.0	0.0	0.0	0.6155	-0.4292 0.0	x _c =0,110			

Ostwald optimal colours (o), maximum (m) C_{AB,10} for D65, Y_{N,10}=3.6, Y_{W,10}=90, Y_m=520 770

l	λ ₁	λ ₂	Y ₁₀	A _{2,10}	B _{2,10}	C _{AB,2,10,2,10}	l _{2,10}	b _{2,10}	h _{xy,2,10,d}	l _c	λ _c	Code
0	405	31 556	52.33	-52.91	-31.77	61.72	0.2111	-0.7327 210.9	15 476	37 585	Cm	
6	435	31 557	53.26	-56.05	-15.15	58.06	0.1946	-0.5715 195.1	16 480	44 621		
10	450	31 559	53.56	-58.87	10.74	59.84	0.1759	-0.3829 169.6	18 492	-1 492c		
11	460	32 562	54.81	-58.9	18.19	61.65	0.1857	-0.2632 162.8	19 498	-1 498c		
12	465	33 565	56.0	-58.53	24.95	63.63	0.1975	-0.2064 156.9	21 506	-1 506c		
14	470	34 570	57.89	-55.44	35.53	68.05	0.2325	-0.1223 147.3	24 522	-1 522c		
15	475	35 579	63.11	-49.55	43.11	65.68	0.3015	-0.0876 138.9	26 534	-1 534c Gm		
16	480	41 606	74.33	-26.68	55.03	61.16	0.472	-0.0519 115.8	30 550	-1 550c		
16	485	-1 484c	83.34	1.49	62.76	62.78	0.6227	-0.0526 88.6	32 560	10 454	max	
18	490	-1 490c	80.55	7.16	63.15	63.55	0.6511	-0.0372 83.5	32 562	11 459		
19	495	-1 495c	78.81	10.57	62.5	63.39	0.6692	-0.0326 80.4	32 563	12 461		
19	500	-1 499c	78.81	10.57	62.5	63.39	0.6692	-0.0326 80.4	32 563	12 461		
21	510	-1 510c	71.94	22.69	57.96	62.25	0.7417	-0.0263 68.6	33 566	13 466		
23	520	-1 519c	69.1	27.09	55.75	61.99	0.7724	-0.0258 64.0	33 568	13 468	Ym	
26	530	-1 530c	59.04	39.99	47.48	62.08	0.8865	-0.0271 49.8	34 573	14 472		
27	540	-1 539c	55.35	43.74	44.36	62.3	0.9316	-0.0284 45.4	35 576	14 473		
28	545	-1 544c	51.58	47.01	41.16	62.49	0.9801	-0.0302 41.2	35 578	14 474		
29	550	-1 549c	47.76	49.72	37.9	62.52	1.0319	-0.0324 37.3	36 580	15 475		
31	555	-1 555c	40.2	53.05	31.42	61.66	1.1433	-0.0384 30.6	37 586	15 476		
32	560	10 451	38.17	58.81	-10.44	59.73	1.2318	-0.566 349.9	-1 491c	18 491		
31	556	0 405	47.66	52.92	31.77	61.72	1.0597	-0.0958 30.9	37 585	15 476	Rm	
31	557	6 435	46.73	56.05	15.15	58.06	1.0952	-0.267 15.1	44 621	16 480		
31	559	10 450	46.43	58.86	-10.74	59.83	1.1227	-0.5448 349.6	-1 492c	18 492		
32	562	11 460	45.18	58.89	-18.18	61.13	1.1369	-0.6304 342.8	-1 498c	19 498		
33	565	12 465	43.99	58.51	-24.95	63.61	1.1476	-0.7128 336.9	-1 506c	21 506		
34	570	14 470	42.1	55.42	-35.51	65.82	1.142	-0.8509 327.3	-1 522c	24 522		
35	575	15 475	36.88	49.54	-43.31	63.66	1.1529	-1.0135 318.9	-1 534c	26 534	Mm	
41	606	16 480	25.66	26.67	-55.0	61.13	1.0313	-1.5009 295.8	-1 550c	30 550		
-1	484c	16 485	16.65	-1.49	-62.72	62.74	0.5796	-2.3126 268.6	10 454	32 560	min	
-1	490c	18 490	19.44	-7.16	-63.11	63.52	0.4682	-2.0519 263.5	11 459	32 562		
-1	495c	19 495	21.18	-10.56	-62.47	63.36	0.4161	-1.9035 260.4	12 461	32 563		
-1	499c	19 500	21.18	-10.56	-62.47	63.36	0.4161	-1.9035 260.4	12 461	32 563		
-1	510c	22 510	28.05	-22.68	-57.94	62.22	0.2921	-1.4619 248.6	13 466	33 566		
-1	519c	23 520	30.89	-27.08	-55.73	61.97	0.2648	-1.3312 244.0	13 468	33 568	Bm	
-1	530c	26 530	40.95	-39.98	-47.47	62.06	0.225	-1.0087 229.8	14 472	34 573		
-1	539c	27 540	44.64	-43.73	-44.36	62.29	0.2237	-0.926 225.4	14 473	35 576		
-1	544c	28 545	48.41	-47.01	-41.16	62.49	0.2271	-0.8543 221.2	14 474	35 578		
-1	549c	29 550	52.23	-49.72	-37.9	62.52	0.2348	-0.792 217.3	15 475	36 580		
-1	555c	31 555	59.79	-53.04	-31.42	61.65	0.2607	-0.6919 210.6	15 476	37 586		
10	451	32 560	61.82	-58.82	10.44	59.74	0.2349	-0.3447 169.9	18 491	-1 491c		
W0	380	770	90.0	0.0	0.0	0.0	0.6155	-0.3433 0.0	B _c =0,800			
N0	380	770	3.6	0.0	0.0	0.0	0.6155	-0.3433 0.0	x _c =0,110			

TUB-test chart AEU5; Hue circle of the Ostwald optimal colours with Y values, Y_N=3.6, Y_W=90
 Data: Y1B1CAB,1hAB,1 and Y2B2CAB,2hAB,2 as table with different wavelength, D65-02

see similar files: http://farbe.li.tu-berlin.de/AEUS/AEUSL0N1.TXT /PS
 technical information: http://farbe.li.tu-berlin.de or http://130.149.60.45/~farbmetrik

TUB registration: 20201101-AEUS/AEUSL0N1.TXT /PS
 application for evaluation and measurement of display or print output
 TUB material: code=mathta