

**Ostwald optimal colours (o), maximum (m) C<sub>AB</sub> for D65, Y<sub>N</sub>=3,6, Y<sub>W</sub>=90, Y<sub>m</sub>=520\_770**

i <sub>1</sub> , λ <sub>1</sub>	i <sub>2</sub> , λ <sub>2</sub>	Y	A <sub>1</sub>	B <sub>1</sub>	CA1B1	a <sub>1</sub>	b <sub>1</sub>	h <sub>xy,1</sub>	i <sub>d</sub> , λ <sub>d</sub>	i <sub>c</sub> , λ <sub>c</sub>	Code
0	405	32 561	48.4	-48.88	-34.88	60.05	0.2119	-0.7237 215.5	16 483	37 589	Cm
6	435	32 562	48.95	-51.61	-19.21	55.07	0.1941	-0.5924 200.4	17 486	42 610	
10	450	32 563	49.59	-55.42	9.74	56.27	0.1689	-0.3568 170.0	19 496	-1 496c	
12	460	33 565	49.94	-56.27	24.38	61.32	0.1652	-0.2401 156.5	21 505	-1 505c	
12	465	33 567	51.15	-56.31	25.7	61.9	0.1756	-0.2344 155.4	21 506	-1 506c	
14	470	33 569	52.23	-55.65	37.79	67.27	0.1897	-0.146 145.8	24 520	-1 520c	Gm
15	475	34 573	54.1	-54.18	43.77	69.66	0.2153	-0.1118 141.0	25 528	-1 528c	Gm
16	480	36 580	57.45	-51.07	50.41	71.76	0.2603	-0.0844 135.3	27 537	-1 537c	
17	485	39 595	64.35	-40.27	60.12	72.37	0.3656	-0.0617 123.8	29 548	-1 548c	
18	490	-1 490c	76.18	-0.33	74.63	74.63	0.6141	-0.0435 90.2	33 565	11 459	max
19	495	-1 495c	75.01	2.04	74.61	74.64	0.6268	-0.0375 88.4	33 566	12 462	
20	500	-1 500c	73.55	4.93	73.99	74.15	0.6427	-0.033 86.1	33 567	12 464	
22	510	-1 510c	69.55	12.32	70.91	71.97	0.6867	-0.0276 80.1	33 569	13 469	
23	520	-1 519c	66.99	16.66	68.49	70.49	0.7154	-0.0264 76.3	34 570	14 471	Ym
25	530	-1 529c	60.81	26.04	62.23	67.46	0.7872	-0.0261 67.2	34 573	15 475	
27	540	-1 539c	53.7	35.08	54.73	65.01	0.8772	-0.0278 57.3	35 577	15 478	
28	545	-1 544c	49.99	39.06	50.75	64.04	0.9284	-0.0293 52.4	35 579	15 479	
29	550	-1 549c	46.21	42.56	46.68	63.17	0.9843	-0.0314 47.6	36 582	16 480	
30	555	-1 554c	42.43	45.44	42.59	62.28	1.0443	-0.0339 43.1	36 584	16 481	
32	560	-1 560c	35.12	48.98	34.66	60.0	1.1736	-0.0406 35.2	37 589	16 483	
32	561	0 405	41.59	48.88	34.88	60.06	1.086	-0.0999 35.5	37 589	16 483	Rm
32	562	6 435	41.04	51.61	19.21	55.07	1.1189	-0.2481 20.4	42 610	17 486	
32	563	10 450	40.4	55.41	-9.74	56.26	1.1645	-0.5318 350.0	-1 496c	19 496	
33	565	12 460	40.05	56.25	-24.38	61.31	1.1777	-0.6789 336.5	-1 505c	21 505	
33	567	12 465	38.84	56.29	-25.69	61.88	1.1956	-0.7 335.4	-1 506c	21 506	
33	569	14 470	37.76	55.63	-37.78	67.25	1.2052	-0.8356 325.8	-1 520c	24 520	
34	573	15 475	35.89	54.17	-43.76	69.63	1.2196	-0.9231 321.0	-1 528c	25 528	Mm
36	580	16 480	32.54	51.05	-50.39	71.73	1.2433	-1.0547 315.3	-1 537c	27 537	
39	595	17 485	25.64	40.25	-60.1	72.33	1.2439	-1.373 303.8	-1 548c	29 548	
-1	490c	18 490	13.81	0.33	-74.58	74.58	0.6255	-2.5947 270.2	11 459	33 565	min
-1	495c	19 495	14.98	-2.04	-74.56	74.59	0.5613	-2.4259 268.4	12 462	33 566	
-1	500c	20 500	16.44	-4.93	-73.95	74.11	0.4959	-2.2338 266.1	12 464	33 567	
-1	510c	22 510	20.44	-12.31	-70.87	71.94	0.3749	-1.822 260.1	13 469	33 569	
-1	519c	23 520	23.0	-16.66	-68.46	70.46	0.3262	-1.6259 256.3	14 471	34 570	Bm
-1	529c	25 530	29.18	-26.04	-62.21	67.44	0.2589	-1.2882 247.2	15 475	34 573	
-1	539c	27 540	36.29	-35.07	-54.72	64.99	0.2292	-1.0385 237.3	15 478	35 577	
-1	544c	28 545	40.0	-39.05	-50.74	64.03	0.2253	-0.9428 232.4	15 479	35 579	
-1	549c	29 550	43.78	-42.55	-46.67	63.16	0.2271	-0.8618 227.6	16 480	36 582	
-1	554c	30 555	47.56	-45.44	-42.58	62.27	0.2337	-0.7935 223.1	16 481	36 584	
-1	560c	32 560	54.87	-48.97	-34.66	60.0	0.2588	-0.6881 215.2	16 483	37 589	
W0	380	770	90.0	0.0	0.0	0.0	0.6159	-0.4354 0.0	B <sub>c</sub> =1,000		
N0	380	770	3.6	0.0	0.0	0.0	0.6159	-0.4354 0.0	x <sub>c</sub> =0,110		

**Ostwald optimal colours (o), maximum (m) C<sub>AB</sub> for D65, Y<sub>N</sub>=3,6, Y<sub>W</sub>=90, Y<sub>m</sub>=520\_770**

i <sub>1</sub> , λ <sub>1</sub>	i <sub>2</sub> , λ <sub>2</sub>	Y	A <sub>2</sub>	B <sub>c2</sub>	CA2B2	a <sub>2</sub>	b <sub>2</sub>	h <sub>xy,2</sub>	i <sub>d</sub> , λ <sub>d</sub>	i <sub>c</sub> , λ <sub>c</sub>	Code
0	405	32 561	48.4	-48.88	-27.9	56.29	0.2119	-0.7237 209.7	16 483	37 589	Cm
6	435	32 562	48.95	-51.61	-15.37	53.85	0.1941	-0.5924 196.5	17 486	42 610	
10	450	32 563	49.59	-55.42	7.79	55.97	0.1689	-0.3568 171.9	19 496	-1 496c	
12	460	33 565	49.94	-56.27	19.51	59.55	0.1652	-0.2401 160.8	21 505	-1 505c	
12	465	33 567	51.15	-56.31	20.56	59.94	0.1756	-0.2344 159.9	21 506	-1 506c	
14	470	33 569	52.23	-55.65	30.23	63.33	0.1897	-0.146 151.4	24 520	-1 520c	Gm
15	475	34 573	54.1	-54.18	35.02	64.52	0.2153	-0.1118 147.1	25 528	-1 528c	Gm
16	480	36 580	57.45	-51.07	40.33	65.07	0.2603	-0.0844 141.7	27 537	-1 537c	
17	485	39 595	64.35	-40.27	48.1	62.73	0.3656	-0.0617 129.9	29 548	-1 548c	
18	490	-1 490c	76.18	-0.33	59.7	59.7	0.6141	-0.0435 90.3	33 565	11 459	max
19	495	-1 495c	75.01	2.04	59.69	59.72	0.6268	-0.0375 88.0	33 566	12 462	
20	500	-1 500c	73.55	4.93	59.19	59.4	0.6427	-0.033 85.2	33 567	12 464	
22	510	-1 510c	69.55	12.32	56.73	58.05	0.6867	-0.0276 77.7	33 569	13 469	
23	520	-1 519c	66.99	16.66	54.79	57.27	0.7154	-0.0264 73.0	34 570	14 471	Ym
25	530	-1 529c	60.81	26.04	49.78	56.18	0.7872	-0.0261 62.3	34 573	15 475	
27	540	-1 539c	53.7	35.08	43.78	56.1	0.8772	-0.0278 51.2	35 577	15 478	
28	545	-1 544c	49.99	39.06	40.6	56.34	0.9284	-0.0293 46.1	35 579	15 479	
29	550	-1 549c	46.21	42.56	37.34	56.62	0.9843	-0.0314 41.2	36 582	16 480	
30	555	-1 554c	42.43	45.44	34.07	56.8	1.0443	-0.0339 36.8	36 584	16 481	
32	560	-1 560c	35.12	48.98	27.73	56.28	1.1736	-0.0406 29.5	37 589	16 483	
32	561	0 405	41.59	48.88	27.91	56.29	1.086	-0.0999 29.7	37 589	16 483	Rm
32	562	6 435	41.04	51.61	15.36	53.85	1.1189	-0.2481 16.5	42 610	17 486	
32	563	10 450	40.4	55.41	-7.79	55.96	1.1645	-0.5318 351.9	-1 496c	19 496	
33	565	12 460	40.05	56.25	-19.5	59.54	1.1777	-0.6789 340.8	-1 505c	21 505	
33	567	12 465	38.84	56.29	-20.55	59.93	1.1956	-0.7 339.9	-1 506c	21 506	
33	569	14 470	37.76	55.63	-30.22	63.32	1.2052	-0.8356 331.4	-1 520c	24 520	
34	573	15 475	35.89	54.17	-35.0	64.49	1.2196	-0.9231 327.1	-1 528c	25 528	Mm
36	580	16 480	32.54	51.05	-40.31	65.05	1.2433	-1.0547 321.7	-1 537c	27 537	
39	595	17 485	25.64	40.25	-48.08	62.7	1.2439	-1.373 309.9	-1 548c	29 548	
-1	490c	18 490	13.81	0.33	-59.66	59.66	0.6255	-2.5947 270.3	11 459	33 565	min
-1	495c	19 495	14.98	-2.04	-59.65	59.68	0.5613	-2.4259 268.0	12 462	33 566	
-1	500c	20 500	16.44	-4.93	-59.16	59.36	0.4959	-2.2338 265.2	12 464	33 567	
-1	510c	22 510	20.44	-12.31	-56.7	58.02	0.3749	-1.822 257.7	13 469	33 569	
-1	519c	23 520	23.0	-16.66	-54.77	57.25	0.3262	-1.6259 253.0	14 471	34 570	Bm
-1	529c	25 530	29.18	-26.04	-49.77	56.17	0.2589	-1.2882 242.3	15 475	34 573	
-1	539c	27 540	36.29	-35.07	-43.77	56.09	0.2292	-1.0385 231.2	15 478	35 577	
-1	544c	28 545	40.0	-39.05	-40.59	56.33	0.2253	-0.9428 226.1	15 479	35 579	
-1	549c	29 550	43.78	-42.55	-37.33	56.61	0.2271	-0.8618 221.2	16 480	36 582	
-1	554c	30 555	47.56	-45.44	-34.06	56.79	0.2337	-0.7935 216.8	16 481	36 584	
-1	560c	32 560	54.87	-48.97	-27.73	56.28	0.2588	-0.6881 209.5	16 483	37 589	
W0	380	770	90.0	0.0	0.0	0.0	0.6159	-0.3483 0.0	B <sub>c</sub> =0,800		
N0	380	770	3.6	0.0	0.0	0.0	0.6159	-0.3483 0.0	x <sub>c</sub> =0,110		

see similar files: http://farbe.li.tu-berlin.de/BEB2/BEB2.HTM  
 technical information: http://farbe.li.tu-berlin.de or http://color.li.tu-berlin.de

TUB registration: 20221101-BEB2/BEB2LONP.PDF /.PS  
 application for evaluation and measurement of display or print output  
 TUB material: code=rha4ta