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technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-VE36/VE36L0NP.PDF /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

Ostwald optimal colours (o) of maximum (m) C _{AB} for D65, Y _w =100, Y _m =520_770, CIELAB data															%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code		%		
0 405	32 561	80.85	-67.55	-32.54	74.98	0.1805	-0.1029	205.7	16 483	37 589	Cm		%		
6 435	32 562	81.18	-81.89	-19.25	84.12	0.1732	-0.096	193.2	17 486	42 610			%		
10 450	32 563	81.52	-109.06	11.43	109.66	0.1595	-0.0803	174.0	19 496	-1 496c			%		
12 460	33 565	82.01	-120.74	33.26	125.23	0.1538	-0.0692	164.5	21 505	-1 505c			%		
12 465	33 567	82.73	-118.76	34.5	123.67	0.1552	-0.0687	163.8	21 506	-1 506c			%		
14 470	33 569	83.3	-123.47	57.53	136.22	0.1532	-0.0572	155.0	24 520	-1 520c			%		
15 475	34 573	84.63	-118.73	70.39	138.03	0.1564	-0.0512	149.3	25 528	-1 528c	Gm		%		
16 480	36 580	86.98	-107.21	84.2	136.33	0.1633	-0.0452	141.8	27 537	-1 537c			%		
17 485	39 595	91.12	-80.53	100.07	128.45	0.1778	-0.0394	128.8	29 548	-1 548c			%		
18 490	-1 490c	97.55	-23.15	119.05	121.28	0.2052	-0.0337	101.0	33 565	11 459	max		%		
19 495	-1 495c	96.94	-20.63	125.42	127.1	0.2062	-0.0306	99.3	33 566	12 462			%		
20 500	-1 500c	96.17	-17.33	131.15	132.29	0.2076	-0.0277	97.5	33 567	12 464			%		
22 510	-1 510c	94.0	-8.24	140.17	140.41	0.2116	-0.0224	93.3	33 569	13 469			%		
23 520	-1 519c	92.57	-2.53	142.99	143.01	0.2142	-0.0202	91.0	34 570	14 471	Ym		%		
25 530	-1 529c	88.94	10.79	144.39	144.79	0.2205	-0.0165	85.7	34 573	15 475			%		
27 540	-1 539c	84.43	25.54	141.4	143.69	0.2281	-0.0134	79.7	35 577	15 478			%		
28 545	-1 544c	81.91	33.05	138.34	142.24	0.2322	-0.0121	76.5	35 579	15 479			%		
29 550	-1 549c	79.2	40.58	134.51	140.5	0.2367	-0.0111	73.2	36 582	16 480			%		
30 555	-1 554c	76.32	47.96	130.1	138.66	0.2413	-0.0103	69.7	36 584	16 481			%		
32 560	-1 560c	70.18	61.63	120.13	135.02	0.2511	-0.0093	62.8	37 589	16 483			%		
380	770	100.0	0.0	0.0	0.0	0.2154	-0.0861	0.0					%		

Ostwald optimal colours (o) of maximum (m) C _{AB} for D65, Y _w =100, Y _m =770_520, CIELAB complementary															%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code			%	
32 561	0 405	70.73	60.88	110.08	125.79	0.2505	-0.022	61.0	37 589	16 483	Rm			%	
32 562	6 435	70.32	70.58	34.83	78.71	0.2562	-0.0659	26.2	42 610	17 486				%	
32 563	10 450	69.88	85.85	-12.65	86.78	0.2653	-0.0935	351.6	-1 496c	19 496				%	
33 565	12 460	69.24	92.89	-29.55	97.48	0.2698	-0.1035	342.3	-1 505c	21 505				%	
33 567	12 465	68.27	94.84	-31.22	99.85	0.2716	-0.1046	341.7	-1 506c	21 506				%	
33 569	14 470	67.49	99.24	-42.98	108.15	0.2748	-0.1119	336.5	-1 520c	24 520				%	
34 573	15 475	65.52	102.87	-49.85	114.31	0.2784	-0.1167	334.1	-1 528c	25 528	Mm			%	
36 580	16 480	61.69	107.96	-59.02	123.05	0.2848	-0.1241	331.3	-1 537c	27 537				%	
39 595	17 485	53.22	112.99	-75.47	135.88	0.297	-0.1406	326.2	-1 548c	29 548				%	
-1 490c	18 490	29.91	89.01	-117.0	147.01	0.3124	-0.2136	307.2	11 459	33 565	min			%	
-1 495c	19 495	33.36	74.42	-112.09	134.55	0.2908	-0.1997	303.5	12 462	33 566				%	
-1 500c	20 500	37.09	58.44	-106.44	121.43	0.2704	-0.1864	298.7	12 464	33 567				%	
-1 510c	22 510	45.26	23.9	-93.37	96.38	0.2349	-0.1623	284.3	13 469	33 569				%	
-1 519c	23 520	49.52	6.76	-86.32	86.58	0.2205	-0.152	274.4	14 471	34 570	Bm			%	
-1 529c	25 530	58.0	-23.98	-72.06	75.95	0.1992	-0.1348	251.5	15 475	34 573				%	
-1 539c	27 540	65.83	-46.7	-58.75	75.05	0.1868	-0.122	231.5	15 478	35 577				%	
-1 544c	28 545	69.38	-54.68	-52.68	75.93	0.1833	-0.117	223.9	15 479	35 579				%	
-1 549c	29 550	72.72	-60.59	-46.95	76.65	0.1812	-0.1126	217.7	16 480	36 582				%	
-1 554c	30 555	75.82	-64.5	-41.62	76.77	0.1803	-0.1088	212.8	16 481	36 584				%	
-1 560c	32 560	81.29	-66.96	-32.22	74.32	0.181	-0.1027	205.6	16 483	37 589				%	
380	770	100.0	0.0	0.0	0.0	0.2154	-0.0861	0.0						%	

Ostwald optimal colours (o) of maximum (m) C _{AB} for D65, Y _w ,10=100, Y _m =520_770, CIELAB data															%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code			%	
0 405	31 556	79.94	-66.31	-34.08	74.56	0.1807	-0.1034	207.2	15 476	37 585	Cm			%	
6 435	31 557	80.42	-82.6	-17.8	84.5	0.1724	-0.0949	192.1	16 480	44 621				%	
10 450	31 559	80.48	-108.29	14.97	109.32	0.1591	-0.078	172.1	18 491	-1 491c				%	
11 460	32 562	81.44	-111.37	27.39	114.69	0.1581	-0.0717	166.1	19 498	-1 498c				%	
12 465	33 565	82.34	-112.77	40.26	119.75	0.1579	-0.0653	160.3	21 506	-1 506c				%	
14 470	34 570	83.48	-109.79	65.41	127.8	0.1601	-0.053	149.2	24 522	-1 522c				%	
15 475	35 579	86.33	-94.64	81.3	124.77	0.169	-0.0462	139.3	26 533	-1 533c	Gm			%	
16 480	41 606	92.55	-53.33	102.14	115.22	0.1907	-0.0389	117.5	30 550	-1 550c				%	
16 485	-1 484c	96.94	-20.21	109.71	111.55	0.2063	-0.0374	100.4	32 560	10 454				%	
18 490	-1 490c	95.61	-14.83	124.45	125.34	0.2086	-0.0302	96.7	32 562	11 459	max			%	
19 495	-1 495c	94.76	-11.22	130.34	130.82	0.2101	-0.0271	94.9	32 563	12 461				%	
19 500	-1 499c	94.76	-11.22	130.34	130.82	0.2101	-0.0271	94.9	32 563	12 461				%	
22 510	-1 510c	91.28	2.92	142.55	142.58	0.2166	-0.0195	88.8	33 567	13 466				%	
23 520	-1 519c	89.77	8.54	144.07	144.32	0.2192	-0.0174	86.6	33 568	13 468	Ym			%	
26 530	-1 530c	84.06	27.32	142.33	144.93	0.2288	-0.0115	79.1	34 573	14 472				%	
27 540	-1 539c	81.79	33.86	139.63	143.68	0.2325	-0.0095	76.3	35 576	14 473				%	
28 545	-1 544c	79.35	40.37	136.19	142.05	0.2363	-0.0075	73.4	35 578	14 474				%	
29 550	-1 549c	76.75	46.79	132.12	140.16	0.2404	-0.0054	70.4	36 580	15 475				%	
31 555	-1 555c	71.13	58.79	122.64	136.0	0.2489	0.0	64.3	37 586	15 476				%	
32 560	10 451	69.5	84.42	-15.9	85.9	0.2645	-0.095	349.3	-1 492c	18 492				%	
380	770	100.0	0.0	0.0	0.0	0.2152	-0.0857	0.0						%	

Ostwald optimal colours (o) of maximum (m) C _{AB} for D65, Y _{w,10} =100, Y _m =770_520, CIELAB complementary															%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code			%	
31 556	0 405	71.84	57.81	111.35	125.47	0.2481	-0.0221	62.5	37 585	15 476	Rm			%	
31 557	6 435	71.27	68.77	29.56	74.85	0.2546	-0.0689	23.2	44 621	16 480				%	
31 559	10 450	71.19	81.9	-15.15	83.29	0.2621	-0.0944	349.5	-1 491c	18 491				%	
32 562	11 460	69.98	86.63	-25.22	90.23	0.2655	-0.1003	343.7	-1 498c	19 498				%	
33 565	12 465	68.81	90.56	-33.85	96.68	0.2685	-0.1056	339.5	-1 506c	21 506				%	
34 570	14 470	67.22	93.6	-46.01	104.3	0.2714	-0.1132	333.8	-1 522c	24 522				%	
35 579	15 475	62.81	97.27	-56.68	112.58	0.2768	-0.1215	329.7	-1 533c	26 533	Mm			%	
41 606	16 480	49.57	94.8	-81.7	125.15	0.2874	-0.1477	319.2	-1 550c	30 550				%	
-1 484c	16 485	33.36	73.3	-109.63	131.88	0.2894	-0.1962	303.7	10 454	32 560				%	
-1 490c	18 490	39.48	47.93	-101.69	112.42	0.2584	-0.1769	295.2	11 459	32 562	min			%	
-1 495c	19 495	42.69	34.2	-96.93	102.79	0.2443	-0.1679	289.4	12 461	32 563				%	
-1 499c	19 500	42.69	34.2	-96.93	102.79	0.2443	-0.1679	289.4	12 461	32 563				%	
-1 510c	22 510	52.84	-7.33	-80.67	81.0	0.2099	-0.144	264.8	13 466	33 567				%	
-1 519c	23 520	56.28	-19.89	-74.95	77.55	0.2014	-0.1373	255.1	13 468	33 568	Bm			%	
-1 530c	26 530	66.39	-49.47	-57.84	76.11	0.1852	-0.1206	229.4	14 472	34 573				%	
-1 539c	27 540	69.54	-55.96	-52.46	76.71	0.1825	-0.1162	223.1	14 473	35 576				%	
-1 544c	28 545	72.53	-60.74	-47.32	77.0	0.1809	-0.1123	217.9	14 474	35 578				%	
-1 549c	29 550	75.38	-63.87	-42.44	76.68	0.1803	-0.1088	213.6	15 475	36 580				%	
-1 555c	31 555	80.53	-65.58	-33.56	73.67	0.1813	-0.103	207.1	15 476	37 586				%	
10 451	32 560	81.82	-103.91	14.76	104.95	0.1621	-0.0782	171.9	18 492	-1 492c				%	
380	770	100.0	0.0	0.0	0.0	0.2152	-0.0857	0.0						%	

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TUB registration: 20130201-VE36/VE36L0NP.PDF /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

Ostwald optimal colours (o) of maximum (m) C _{AB} for D50, Y _w =100, Y _m =520_770, CIELAB data														%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code	%	%	
1 405	32 564	80.64	-79.12	-32.66	85.6	0.1753	-0.0939	202.4	17 486	38 592	Cm	%	%	
7 435	33 565	80.84	-92.99	-16.32	94.41	0.1682	-0.0862	189.9	18 490	46 634		%	%	
10 450	33 566	81.12	-108.35	7.14	108.58	0.1604	-0.0752	176.2	19 497	-1 497c		%	%	
12 460	33 567	81.46	-116.97	28.05	120.29	0.1561	-0.0654	166.5	21 506	-1 506c		%	%	
13 465	33 568	81.81	-119.26	39.57	125.66	0.1552	-0.0601	161.6	22 511	-1 511c		%	%	
14 470	34 570	82.4	-119.23	51.38	129.83	0.1555	-0.0547	156.6	23 519	-1 519c		%	%	
15 475	34 573	83.39	-115.8	63.56	132.1	0.1579	-0.0494	151.2	25 527	-1 527c	Gm	%	%	
15 480	35 578	85.46	-107.76	67.11	126.95	0.1631	-0.0484	148.0	26 531	-1 531c		%	%	
17 485	37 587	88.09	-90.84	90.18	128.01	0.1726	-0.039	135.2	28 544	-1 544c		%	%	
18 490	44 620	95.17	-39.39	110.34	117.16	0.1986	-0.0333	109.6	32 561	-1 561c	max	%	%	
19 495	-1 495c	97.49	-13.34	121.9	122.63	0.2105	-0.0295	96.2	33 568	12 463		%	%	
20 500	-1 500c	96.81	-10.45	127.99	128.42	0.2118	-0.0268	94.6	33 569	13 466		%	%	
22 510	-1 510c	94.88	-2.34	137.84	137.86	0.2153	-0.0218	90.9	34 571	14 471		%	%	
23 520	-1 519c	93.58	2.85	141.13	141.16	0.2177	-0.0198	88.8	34 572	14 473	Ym	%	%	
25 530	-1 529c	90.23	15.24	146.8	147.59	0.2236	-0.0162	84.0	35 575	15 477		%	%	
27 540	-1 539c	86.01	29.18	144.12	147.04	0.2308	-0.0132	78.5	35 579	16 480		%	%	
28 545	-1 544c	83.62	36.35	141.27	145.87	0.2347	-0.012	75.5	36 581	16 481		%	%	
29 550	-1 549c	81.05	43.6	137.66	144.4	0.239	-0.011	72.4	36 583	16 483		%	%	
30 555	-1 554c	78.3	50.75	133.47	142.8	0.2434	-0.0102	69.1	37 585	16 484		%	%	
32 560	-1 560c	72.41	64.12	123.93	139.53	0.2528	-0.0092	62.6	38 590	17 486		%	%	
380	770	100.0	0.0	0.0	0.0	0.2164	-0.0785	0.0				%	%	

Ostwald optimal colours (o) of maximum (m) C _{AB} for D50, Y _w =100, Y _m =770_520, CIELAB complementary															%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code	%			
32 564	1 405	71.0	67.41	105.72	125.38	0.2553	-0.0231	57.4	38 592	17 486	Rm	%			
33 565	7 435	70.74	75.66	26.96	80.32	0.2602	-0.0643	19.6	46 634	18 490		%			
33 566	10 450	70.4	84.09	-8.18	84.49	0.2653	-0.0828	354.4	-1 497c	19 497		%			
33 567	12 460	69.97	89.18	-25.67	92.8	0.2685	-0.0921	343.9	-1 506c	21 506		%			
33 568	13 465	69.5	91.5	-32.76	97.19	0.2702	-0.096	340.2	-1 511c	22 511		%			
34 570	14 470	68.72	93.74	-39.06	101.55	0.272	-0.0995	337.3	-1 519c	23 519		%			
34 573	15 475	67.36	96.12	-45.25	106.24	0.2743	-0.1032	334.7	-1 527c	25 527	Mm	%			
35 578	15 480	64.23	100.99	-50.62	112.97	0.2796	-0.1073	333.3	-1 531c	26 531		%			
37 587	17 485	59.67	103.27	-63.42	121.19	0.285	-0.1167	328.4	-1 544c	28 544		%			
44 620	18 490	41.19	95.32	-96.8	135.85	0.3001	-0.1557	314.5	-1 561c	32 561	min	%			
-1 495c	19 495	30.29	58.93	-116.79	130.82	0.2804	-0.1936	296.7	12 463	33 568		%			
-1 500c	20 500	34.03	42.92	-111.26	119.25	0.2595	-0.1799	291.0	13 466	33 569		%			
-1 510c	22 510	42.26	8.18	-98.28	98.62	0.2235	-0.1554	274.7	14 471	34 571		%			
-1 519c	23 520	46.59	-9.12	-91.17	91.63	0.2091	-0.1449	264.2	14 473	34 572	Bm	%			
-1 529c	25 530	55.28	-39.96	-76.64	86.43	0.1882	-0.1275	242.4	15 477	35 575		%			
-1 539c	27 540	63.34	-62.09	-62.98	88.44	0.1771	-0.1147	225.4	16 480	35 579		%			
-1 544c	28 545	67.02	-69.55	-56.7	89.74	0.1743	-0.1096	219.1	16 481	36 581		%			
-1 549c	29 550	70.49	-74.83	-50.77	90.42	0.1729	-0.1053	214.1	16 483	36 583		%			
-1 554c	30 555	73.73	-78.04	-45.21	90.19	0.1727	-0.1015	210.0	16 484	37 585		%			
-1 560c	32 560	79.46	-78.96	-35.36	86.52	0.1749	-0.0954	204.1	17 486	38 590		%			
380	770	100.0	0.0	0.0	0.0	0.2164	-0.0785	0.0				%			

Ostwald optimal colours (o) of maximum (m) CAB for D50, Y _w ,10=100, Y _m =520_770, CIELAB data														%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code		%	
1 405	31 559	79.59	-77.2	-34.19	84.44	0.176	-0.0944	203.8	15 479	37 589	Cm		%	
7 435	32 561	79.86	-91.81	-15.16	93.06	0.1685	-0.0853	189.3	16 484	58 693			%	
10 450	32 562	79.99	-106.14	10.32	106.64	0.161	-0.0733	174.4	18 493	-1 493c			%	
12 460	32 564	80.41	-112.32	32.6	116.95	0.1581	-0.0628	163.8	20 503	-1 503c			%	
13 465	33 566	81.01	-111.86	45.12	120.61	0.1587	-0.0571	158.0	22 512	-1 512c			%	
14 470	34 570	82.18	-107.6	58.61	122.53	0.1615	-0.0511	151.4	24 521	-1 521c			%	
15 475	35 576	84.23	-97.14	73.13	121.59	0.1679	-0.0451	143.0	26 531	-1 531c	Gm		%	
16 480	38 590	88.39	-73.47	90.47	116.54	0.1812	-0.0388	129.0	28 543	-1 543c			%	
17 485	-1 485c	97.06	-11.31	114.51	115.07	0.2116	-0.0322	95.6	32 563	11 458			%	
18 490	-1 490c	96.45	-8.75	121.65	121.97	0.2127	-0.0291	94.1	32 564	12 460	max		%	
19 495	-1 495c	95.71	-5.61	127.93	128.05	0.2141	-0.0262	92.5	33 565	12 462			%	
20 500	-1 500c	94.84	-1.91	133.35	133.36	0.2158	-0.0236	90.8	33 566	12 464			%	
21 510	-1 509c	93.81	2.3	137.86	137.88	0.2177	-0.0212	89.0	33 567	13 466			%	
24 520	-1 520c	89.67	17.74	147.75	148.81	0.2251	-0.015	83.1	34 571	14 471	Ym		%	
25 530	-1 529c	87.89	23.66	147.2	149.09	0.2281	-0.0131	80.8	34 573	14 473			%	
28 540	-1 540c	81.47	42.32	139.84	146.11	0.2385	-0.0073	73.1	35 579	15 476			%	
29 545	-1 545c	78.99	48.54	135.98	144.39	0.2423	-0.0052	70.3	36 581	15 477			%	
29 550	-1 549c	78.99	48.54	135.98	144.39	0.2423	-0.0052	70.3	36 581	15 477			%	
31 555	-1 555c	73.59	60.31	126.89	140.49	0.2505	0.0	64.5	37 587	15 479			%	
32 560	2 411	70.73	66.43	91.22	112.85	0.2551	-0.0304	53.9	38 591	16 480			%	
380	770	100.0	0.0	0.0	0.0	0.2166	-0.0782	0.0					%	

Ostwald optimal colours (o) of maximum (m) C _{AB} for D50, Y _w ,10=100, Y _m =770_520, CIELAB complementary															%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code			%	
31 559	1 405	72.26	63.47	103.03	121.01	0.2528	-0.0252	58.3	37 589	15 479	Rm			%	
32 561	7 435	71.95	72.06	23.05	75.66	0.2578	-0.0663	17.7	58 693	16 484				%	
32 562	10 450	71.79	79.33	-10.79	80.06	0.2621	-0.0837	352.2	-1 493c	18 493				%	
32 564	12 460	71.28	83.47	-27.25	87.8	0.2647	-0.0923	341.9	-1 503c	20 503				%	
33 566	13 465	70.54	85.3	-34.29	91.94	0.2662	-0.0961	338.1	-1 512c	22 512				%	
34 570	14 470	69.01	87.54	-41.42	96.85	0.2684	-0.1003	334.6	-1 521c	24 521				%	
35 576	15 475	66.13	89.85	-49.78	102.72	0.2716	-0.1057	331.0	-1 531c	26 531	Mm			%	
38 590	16 480	59.09	91.66	-64.37	112.01	0.278	-0.1171	324.9	-1 543c	28 543				%	
-1 485c	17 485	32.71	47.82	-111.58	121.39	0.266	-0.1821	293.2	11 458	32 563				%	
-1 490c	18 490	35.8	34.81	-107.5	113.0	0.2505	-0.1724	287.9	12 460	32 564	min			%	
-1 495c	19 495	39.04	20.95	-102.82	104.93	0.2358	-0.1629	281.5	12 462	33 565				%	
-1 500c	20 500	42.42	6.67	-97.66	97.89	0.2224	-0.154	273.9	12 464	33 566				%	
-1 509c	21 510	45.88	-7.52	-92.18	92.48	0.2105	-0.1458	265.3	13 466	33 567				%	
-1 520c	24 520	56.5	-45.46	-74.63	87.39	0.1851	-0.1249	238.6	14 471	34 571	Bm			%	
-1 529c	25 530	60.04	-55.36	-68.66	88.2	0.18	-0.1191	231.1	14 473	34 573				%	
-1 540c	28 540	69.95	-73.85	-51.77	90.19	0.1734	-0.1055	215.0	15 476	35 579				%	
-1 545c	29 545	72.95	-76.41	-46.62	89.51	0.1734	-0.1019	211.3	15 477	36 581				%	
-1 549c	29 550	72.95	-76.41	-46.62	89.51	0.1734	-0.1019	211.3	15 477	36 581				%	
-1 555c	31 555	78.42	-76.8	-37.2	85.33	0.1757	-0.096	205.8	15 479	37 587				%	
2 411	32 560	80.85	-76.45	-31.35	82.63	0.1769	-0.0928	202.2	16 480	38 591				%	
380	770	100.0	0.0	0.0	0.0	0.2166	-0.0782	0.0						%	

see similar files: <http://130.149.60.45/~farbmetrik/VE36/VE36.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Ostwald optimal colours (o) of maximum (m) C _{AB} for P40, Y _w =100, Y _m =520_770, CIELAB data															%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code			%	
0 405	33 568	79.95	-84.51	-34.12	91.14	0.1748	-0.0873	201.9	17 488	38 594	Cm			%	
7 435	33 568	80.1	-96.58	-15.98	97.9	0.1685	-0.0794	189.3	18 493	54 674				%	
10 450	33 569	80.34	-107.65	6.16	107.83	0.1627	-0.0697	176.7	19 499	-1 499c				%	
12 460	34 570	80.62	-113.5	25.58	116.35	0.1598	-0.0613	167.2	21 507	-1 507c				%	
13 465	34 571	80.91	-114.78	36.41	120.42	0.1593	-0.0566	162.3	22 512	-1 512c				%	
14 470	34 572	81.39	-114.4	47.53	123.89	0.1598	-0.0519	157.4	23 519	-1 519c				%	
14 475	34 574	82.45	-111.23	49.34	121.68	0.1621	-0.0513	156.0	24 522	-1 522c	Gm			%	
15 480	35 578	83.87	-105.72	61.75	122.43	0.1657	-0.0464	149.7	26 531	-1 531c				%	
17 485	37 585	86.02	-93.35	83.49	125.24	0.1731	-0.038	138.1	28 543	-1 543c				%	
17 490	40 600	91.25	-65.8	92.44	113.47	0.1884	-0.0362	125.4	30 554	-1 554c	max			%	
19 495	-1 495c	97.98	-9.02	119.65	119.99	0.2157	-0.0283	94.3	34 571	12 464				%	
20 500	-1 500c	97.41	-6.56	125.94	126.11	0.2168	-0.0257	92.9	34 571	13 467				%	
21 510	-1 509c	96.66	-3.4	131.64	131.68	0.2182	-0.0233	91.4	34 572	13 469				%	
24 520	-1 520c	93.2	10.4	142.94	143.32	0.2246	-0.0173	85.8	35 575	15 476	Ym			%	
26 530	-1 530c	89.83	22.28	149.05	150.71	0.2305	-0.0142	81.4	35 578	16 480				%	
27 540	-1 539c	87.86	28.7	147.39	150.16	0.2338	-0.0129	78.9	36 580	16 481				%	
29 545	-1 545c	83.37	41.99	141.62	147.72	0.2413	-0.0108	73.4	36 584	16 484				%	
29 550	-1 549c	83.37	41.99	141.62	147.72	0.2413	-0.0108	73.4	36 584	16 484				%	
31 555	-1 555c	78.17	55.22	133.54	144.51	0.2496	-0.0095	67.5	37 588	17 486				%	
32 560	-1 560c	75.32	61.53	128.87	142.81	0.2541	-0.0091	64.4	38 591	17 487				%	
380	770	100.0	0.0	0.0	0.0	0.2197	-0.0724	0.0						%	

Ostwald optimal colours (o) of maximum (m) C _{AB} for P40, Y _w =100, Y _m =770_520, CIELAB complementary															%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code		%		
33 568	0 405	71.84	68.49	117.17	135.73	0.2595	-0.0179	59.6	38 594	17 488	Rm		%		
33 568	7 435	71.65	75.18	25.05	79.24	0.2635	-0.0604	18.4	54 674	18 493			%		
33 569	10 450	71.37	81.14	-6.9	81.44	0.2671	-0.0757	355.1	-1 499c	19 499			%		
34 570	12 460	71.01	84.71	-23.18	87.82	0.2694	-0.0836	344.6	-1 507c	21 507			%		
34 571	13 465	70.66	86.26	-29.93	91.31	0.2705	-0.0869	340.8	-1 512c	22 512			%		
34 572	14 470	70.05	87.8	-35.89	94.85	0.2718	-0.0899	337.7	-1 519c	23 519			%		
34 574	14 475	68.66	90.25	-38.28	98.03	0.2741	-0.0914	337.0	-1 522c	24 522	Mm		%		
35 578	15 480	66.66	93.1	-45.56	103.65	0.2772	-0.0956	333.9	-1 531c	26 531			%		
37 585	17 485	63.33	95.05	-56.43	110.54	0.2808	-0.1023	329.3	-1 543c	28 543			%		
40 600	17 490	52.92	100.17	-74.36	124.76	0.2939	-0.1177	323.4	-1 554c	30 554	min		%		
-1 495c	19 495	27.1	48.32	-121.83	131.07	0.277	-0.1913	291.6	12 464	34 571			%		
-1 500c	20 500	30.79	32.53	-116.48	120.94	0.2552	-0.1771	285.6	13 467	34 571			%		
-1 509c	21 510	34.77	15.53	-110.39	111.48	0.2353	-0.1638	278.0	13 469	34 572			%		
-1 520c	24 520	47.74	-35.63	-89.33	96.18	0.1912	-0.1313	248.2	15 476	35 575	Bm		%		
-1 530c	26 530	56.15	-61.81	-75.22	97.36	0.176	-0.1162	230.5	16 480	35 578			%		
-1 539c	27 540	60.09	-71.38	-68.53	98.96	0.1719	-0.1102	223.8	16 481	36 580			%		
-1 545c	29 545	67.38	-83.62	-56.09	100.69	0.1686	-0.1007	213.8	16 484	36 584			%		
-1 549c	29 550	67.38	-83.62	-56.09	100.69	0.1686	-0.1007	213.8	16 484	36 584			%		
-1 555c	31 555	73.87	-87.57	-44.97	98.45	0.17	-0.0934	207.1	17 486	37 588			%		
-1 560c	32 560	76.81	-86.88	-39.92	95.61	0.172	-0.0905	204.6	17 487	38 591			%		
380	770	100.0	0.0	0.0	0.0	0.2197	-0.0724	0.0					%		

Ostwald optimal colours (o) of maximum (m) C _{AB} for P40, Y _{w,10} =100, Y _m =520_770, CIELAB data															%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code		%		
0 405	32 563	78.76	-81.38	-36.17	89.05	0.1764	-0.0883	203.9	16 481	38 591	Cm		%		
7 435	32 564	78.94	-94.37	-14.88	95.53	0.1695	-0.0789	188.9	17 487	-1 487c			%		
10 450	33 565	79.08	-104.44	9.38	104.86	0.1641	-0.0682	174.8	19 495	-1 495c			%		
12 460	33 567	79.47	-108.07	30.19	112.21	0.1624	-0.059	164.3	21 505	-1 505c			%		
12 465	33 568	80.28	-105.82	31.58	110.44	0.1641	-0.0585	163.3	21 506	-1 506c			%		
14 470	34 571	80.97	-103.83	54.72	117.37	0.1656	-0.0486	152.2	24 521	-1 521c			%		
15 475	35 576	82.65	-95.97	68.11	117.68	0.1706	-0.0433	144.6	26 531	-1 531c	Gm		%		
16 480	37 585	86.0	-78.99	83.66	115.06	0.1807	-0.0379	133.3	28 542	-1 542c			%		
17 485	42 611	92.93	-38.26	104.63	111.41	0.2024	-0.032	110.0	31 558	-1 558c			%		
17 490	-1 489c	97.69	-7.78	112.84	113.11	0.2168	-0.0306	93.9	33 566	11 458	max		%		
19 495	-1 495c	96.55	-2.94	126.74	126.77	0.219	-0.025	91.3	33 568	12 463			%		
20 500	-1 500c	95.8	0.22	132.44	132.44	0.2204	-0.0226	89.9	33 569	13 465			%		
22 510	-1 510c	93.86	8.05	141.35	141.57	0.2241	-0.0183	86.7	34 571	13 469			%		
23 520	-1 519c	92.64	12.68	144.81	145.37	0.2263	-0.0163	84.9	34 572	14 471	Ym		%		
25 530	-1 529c	89.67	22.97	150.56	152.31	0.2314	-0.0126	81.3	35 575	14 474			%		
28 540	-1 540c	83.91	40.03	144.07	149.53	0.2408	-0.007	74.4	36 581	15 477			%		
28 545	-1 544c	83.91	40.03	144.07	149.53	0.2408	-0.007	74.4	36 581	15 477			%		
30 550	-1 550c	79.24	51.51	136.59	145.98	0.248	-0.0029	69.3	37 585	15 479			%		
31 555	-1 555c	76.66	57.02	132.17	143.94	0.2518	0.0	66.6	37 587	16 480			%		
31 560	-1 559c	76.66	57.02	132.17	143.94	0.2518	0.0	66.6	37 587	16 480			%		
380	770	100.0	0.0	0.0	0.0	0.2203	-0.0723	0.0					%		

Ostwald optimal colours (o) of maximum (m) C _{AB} for P40, Y _{w,10} =100, Y _m =770_520, CIELAB complementary%														
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code			
32 563	0 405	73.21	63.62	119.59	135.46	0.2568	-0.0176	61.9	38 591	16 481	Rm	%		
32 564	7 435	73.01	70.68	21.35	73.84	0.2609	-0.0622	16.8	-1 487c	17 487		%		
33 565	10 450	72.85	75.75	-9.53	76.35	0.2639	-0.0768	352.8	-1 495c	19 495		%		
33 567	12 460	72.4	78.54	-24.87	82.38	0.2658	-0.0841	342.4	-1 505c	21 505		%		
33 568	12 465	71.44	80.12	-26.52	84.4	0.2672	-0.085	341.6	-1 506c	21 506		%		
34 571	14 470	70.59	81.46	-38.07	89.92	0.2684	-0.0908	334.9	-1 521c	24 521		%		
35 576	15 475	68.39	83.26	-45.25	94.77	0.2708	-0.0948	331.4	-1 531c	26 531	Mm	%		
37 585	16 480	63.36	85.37	-56.42	102.33	0.2753	-0.1021	326.5	-1 542c	28 542		%		
42 611	17 485	48.5	77.13	-83.88	113.95	0.2815	-0.1269	312.5	-1 558c	31 558		%		
-1 489c	17 490	29.03	40.0	-117.45	124.07	0.2658	-0.1818	288.8	11 458	33 566	min	%		
-1 495c	19 495	35.33	13.24	-108.93	109.73	0.2335	-0.1614	276.9	12 463	33 568		%		
-1 500c	20 500	38.69	-0.95	-103.87	103.87	0.2194	-0.152	269.4	13 465	33 569		%		
-1 510c	22 510	45.72	-29.0	-92.66	97.1	0.1963	-0.1353	252.6	13 469	34 571		%		
-1 519c	23 520	49.34	-41.96	-86.71	96.33	0.1875	-0.128	244.1	14 471	34 572	Bm	%		
-1 529c	25 530	56.5	-63.25	-74.72	97.9	0.1757	-0.1156	229.7	14 474	35 575		%		
-1 540c	28 540	66.6	-81.34	-57.53	99.63	0.17	-0.1015	215.2	15 477	36 581		%		
-1 544c	28 545	66.6	-81.34	-57.53	99.63	0.17	-0.1015	215.2	15 477	36 581		%		
-1 550c	30 550	72.66	-84.53	-47.12	96.78	0.1716	-0.0946	209.1	15 479	37 585		%		
-1 555c	31 555	75.48	-83.79	-42.27	93.85	0.1735	-0.0917	206.7	16 480	37 587		%		
-1 559c	31 560	75.48	-83.79	-42.27	93.85	0.1735	-0.0917	206.7	16 480	37 587		%		
380	770	100.0	0.0	0.0	0.0	0.2203	-0.0723	0.0				%		

see similar files: <http://130.149.60.45/~farbmetrik/VE36/VE36L0NP.PDF> / .PS; transfer output
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-VE36/VE36L0NP.PDF /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

Ostwald optimal colours (o) of maximum (m) C _{AB} for A00, Y _w =100, Y _m =520_770, CIELAB data														%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code		%	
1 405	34 574	78.85	-93.31	-35.89	99.98	0.1744	-0.0723	201.0	18 494	39 599	Cm		%	
6 435	34 574	78.96	-96.73	-26.37	100.26	0.1726	-0.0689	195.2	19 496	42 611			%	
9 450	34 574	79.12	-101.61	-9.73	102.07	0.17	-0.0628	185.4	20 501	-1 501c			%	
12 460	35 575	79.23	-106.38	15.06	107.44	0.1674	-0.0539	171.9	21 508	-1 508c			%	
13 465	35 575	79.39	-106.94	25.06	109.84	0.1672	-0.0503	166.8	22 512	-1 512c			%	
13 470	35 576	79.77	-105.73	25.71	108.81	0.1681	-0.0501	166.3	22 513	-1 513c			%	
14 475	35 577	80.24	-104.74	36.37	110.87	0.1689	-0.0463	160.8	23 519	-1 519c	Gm		%	
16 480	35 579	80.85	-102.02	56.29	116.52	0.1708	-0.0393	151.1	26 532	-1 532c			%	
17 485	36 582	82.14	-95.87	67.16	117.05	0.1748	-0.0357	144.9	28 540	-1 540c			%	
18 490	37 588	84.48	-84.64	79.28	115.97	0.1818	-0.0321	136.8	29 548	-1 548c	max		%	
19 495	40 601	89.15	-59.87	94.98	112.27	0.1962	-0.0282	122.2	31 559	-1 559c			%	
20 500	-1 500c	98.3	-0.99	118.2	118.21	0.2256	-0.0237	90.4	35 576	13 469			%	
21 510	-1 509c	97.76	1.33	124.56	124.57	0.2266	-0.0216	89.3	35 576	14 472			%	
24 520	-1 520c	95.08	12.06	138.4	138.92	0.2317	-0.0164	85.0	35 579	16 480	Ym		%	
26 530	-1 530c	92.36	21.85	143.79	145.44	0.2366	-0.0136	81.3	36 582	16 484			%	
28 540	-1 540c	88.89	33.07	150.37	153.97	0.2426	-0.0113	77.5	37 585	17 487			%	
28 545	-1 544c	88.89	33.07	150.37	153.97	0.2426	-0.0113	77.5	37 585	17 487			%	
29 550	-1 549c	86.88	39.02	147.63	152.7	0.2459	-0.0105	75.1	37 586	17 489			%	
31 555	-1 555c	82.29	51.17	140.56	149.59	0.2533	-0.0093	69.9	38 590	18 491			%	
32 560	-1 560c	79.72	57.15	136.37	147.86	0.2573	-0.0089	67.2	38 593	18 492			%	
380	770	100.0	0.0	0.0	0.0	0.226	-0.0593	0.0					%	

Ostwald optimal colours (o) of maximum (m) C _{AB} for A00, Y _w =100, Y _m =770_520, CIELAB complementary														%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code		%	
34 574	1 405	73.11	69.93	121.37	140.08	0.2672	-0.0157	60.0	39 599	18 494	Rm		%	
34 574	6 435	72.99	71.86	49.23	87.11	0.2684	-0.0403	34.4	42 611	19 496			%	
34 574	9 450	72.81	74.57	12.9	75.68	0.2701	-0.0543	9.8	-1 501c	20 501			%	
35 575	12 460	72.68	77.06	-14.42	78.4	0.2716	-0.0649	349.3	-1 508c	21 508			%	
35 575	13 465	72.5	77.79	-21.68	80.75	0.2721	-0.0677	344.4	-1 512c	22 512			%	
35 576	13 470	72.05	78.44	-22.44	81.59	0.2727	-0.0681	344.0	-1 513c	22 513			%	
35 577	14 475	71.48	79.51	-29.1	84.67	0.2737	-0.0708	339.8	-1 519c	23 519	Mm		%	
35 579	16 480	70.74	80.2	-38.45	88.94	0.2745	-0.0746	334.3	-1 532c	26 532			%	
36 582	17 485	69.07	81.43	-44.04	92.58	0.2762	-0.0771	331.5	-1 540c	28 540			%	
37 588	18 490	65.76	83.25	-51.87	98.09	0.2794	-0.0811	328.0	-1 548c	29 548	min		%	
40 601	19 495	57.58	83.12	-67.62	107.16	0.2853	-0.0909	320.8	-1 559c	31 559			%	
-1 500c	20 500	24.74	7.45	-125.58	125.81	0.2356	-0.1655	273.3	13 469	35 576			%	
-1 509c	21 510	28.63	-9.11	-119.95	120.29	0.2153	-0.1519	265.6	14 472	35 576			%	
-1 520c	24 520	41.52	-59.07	-99.57	115.77	0.1721	-0.1189	239.3	16 480	35 579	Bm		%	
-1 530c	26 530	50.09	-83.73	-85.38	119.59	0.1595	-0.1038	225.5	16 484	36 582			%	
-1 540c	28 540	58.11	-98.44	-71.87	121.88	0.1563	-0.0927	216.1	17 487	37 585			%	
-1 544c	28 545	58.11	-98.44	-71.87	121.88	0.1563	-0.0927	216.1	17 487	37 585			%	
-1 549c	29 550	61.87	-102.31	-65.48	121.47	0.1571	-0.0883	212.6	17 489	37 586			%	
-1 555c	31 555	68.87	-104.05	-53.51	117.01	0.1617	-0.081	207.2	18 491	38 590			%	
-1 560c	32 560	72.11	-102.33	-47.96	113.01	0.1651	-0.078	205.1	18 492	38 593			%	
380	770	100.0	0.0	0.0	0.0	0.226	-0.0593	0.0					%	

Ostwald optimal colours (o) of maximum (m) C _{AB} for A00, Y _{w,10} =100, Y _m =520_770, CIELAB data														%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code		%	
1 405	34 570	77.44	-88.6	-38.18	96.48	0.177	-0.0731	203.3	17 487	39 597	Cm		%	
7 435	34 570	77.56	-93.68	-21.55	96.13	0.1742	-0.067	192.9	18 491	47 639			%	
9 450	34 571	77.75	-96.44	-7.98	96.77	0.1727	-0.062	184.7	19 495	-1 495c			%	
12 460	34 572	77.88	-99.8	19.15	101.62	0.1709	-0.0521	169.1	21 505	-1 505c			%	
13 465	34 573	78.16	-99.37	30.12	103.84	0.1713	-0.0481	163.1	22 512	-1 512c			%	
14 470	34 574	78.7	-97.54	41.74	106.1	0.1727	-0.044	156.8	24 520	-1 520c			%	
15 475	35 576	79.61	-93.37	53.64	107.68	0.1755	-0.0398	150.1	25 528	-1 528c	Gm		%	
16 480	36 581	81.34	-85.65	66.39	108.37	0.1806	-0.0357	142.2	27 537	-1 537c			%	
17 485	37 588	84.4	-71.56	80.78	107.92	0.1894	-0.0315	131.5	29 547	-1 547c			%	
18 490	41 609	91.23	-37.96	101.04	107.94	0.2083	-0.0268	110.5	32 561	-1 561c	max		%	
19 495	-1 495c	97.82	1.09	120.3	120.31	0.2274	-0.0228	89.4	34 573	13 465			%	
20 500	-1 500c	97.28	3.38	126.72	126.77	0.2285	-0.0207	88.4	34 573	13 468			%	
21 510	-1 509c	96.62	6.1	132.41	132.55	0.2298	-0.0187	87.3	34 574	14 470			%	
24 520	-1 520c	93.78	16.92	145.89	146.87	0.235	-0.0135	83.3	35 577	15 476	Ym		%	
25 530	-1 529c	92.51	21.27	155.91	157.35	0.2372	-0.0118	82.2	35 578	15 477			%	
27 540	-1 539c	89.47	30.85	153.06	156.14	0.2423	-0.0084	78.6	36 581	16 480			%	
29 545	-1 545c	85.74	41.2	147.64	153.28	0.2482	-0.0048	74.4	37 585	16 483			%	
30 550	-1 550c	83.62	46.44	144.14	151.43	0.2515	-0.0027	72.1	37 587	16 484			%	
31 555	-1 555c	81.31	51.63	140.19	149.39	0.2549	0.0	69.7	37 589	17 485			%	
32 560	-1 560c	78.81	56.65	135.88	147.22	0.2584	0.0	67.3	38 592	17 486			%	
380	770	100.0	0.0	0.0	0.0	0.2269	-0.0591	0.0					%	

Ostwald optimal colours (o) of maximum (m) C _{AB} for A00, Y _{w,10} =100, Y _m =770_520, CIELAB complementary														%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code		%	
34 570	1 405	74.66	63.91	112.25	129.17	0.264	-0.0166	60.3	39 597	17 487	Rm		%	
34 570	7 435	74.53	66.6	32.55	74.13	0.2657	-0.0468	26.0	47 639	18 491			%	
34 571	9 450	74.33	68.35	9.6	69.02	0.2668	-0.0554	8.0	-1 495c	19 495			%	
34 572	12 460	74.19	70.2	-16.56	72.13	0.2679	-0.0654	346.7	-1 505c	21 505			%	
34 573	13 465	73.88	70.8	-23.54	74.61	0.2684	-0.0681	341.6	-1 512c	22 512			%	
34 574	14 470	73.28	71.49	-29.82	77.46	0.2691	-0.0706	337.3	-1 520c	24 520			%	
35 576	15 475	72.24	72.11	-35.68	80.46	0.2699	-0.073	333.6	-1 528c	25 528	Mm		%	
36 581	16 480	70.11	73.22	-42.42	84.63	0.2717	-0.076	329.9	-1 537c	27 537			%	
37 588	17 485	65.88	74.11	-52.04	90.56	0.2746	-0.0809	324.9	-1 547c	29 547			%	
41 609	18 490	52.98	67.78	-76.04	101.87	0.2787	-0.0969	311.7	-1 561c	32 561	min		%	
-1 495c	19 495	28.2	-7.59	-120.08	120.32	0.2178	-0.1524	266.3	13 465	34 573			%	
-1 500c	20 500	31.51	-21.58	-115.36	117.36	0.2029	-0.1424	259.4	13 468	34 573			%	
-1 509c	21 510	34.98	-35.67	-110.13	115.76	0.19	-0.1332	252.0	14 470	34 574			%	
-1 520c	24 520	45.97	-73.27	-92.46	117.98	0.1646	-0.1103	231.6	15 476	35 577	Bm		%	
-1 529c	25 530	49.67	-82.45	-86.33	119.38	0.1607	-0.1042	226.3	15 477	35 578			%	
-1 539c	27 540	56.91	-94.77	-74.14	120.32	0.1584	-0.094	218.0	16 480	36 581			%	
-1 545c	29 545	63.78	-99.53	-62.42	117.49	0.1612	-0.0859	212.0	16 483	37 585			%	
-1 550c	30 550	67.03	-99.4	-56.84	114.5	0.1638	-0.0826	209.7	16 484	37 587			%	
-1 555c	31 555	70.16	-97.78	-51.44	110.49	0.1671	-0.0796	207.7	17 485	37 589			%	
-1 560c	32 560	73.16	-94.83	-46.28	105.52	0.1709	-0.0769	206.0	17 486	38 592			%	
380	770	100.0	0.0	0.0	0.0	0.2269	-0.0591	0.0					%	

see similar files: <http://130.149.60.45/~farbmetrik/VE36/VE36L0NP.PDF> / .PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Ostwald optimal colours (o) of maximum (m) C _{AB} for E00, Y _w =100, Y _m =520_770, CIELAB data															%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code			%	
1 405	32 564	80.42	-71.93	-32.6	78.97	0.1811	-0.1001	204.3	16 484	38 592	Cm			%	
6 435	33 565	80.69	-86.68	-17.31	88.4	0.1735	-0.0924	191.2	17 488	45 627				%	
10 450	33 566	80.99	-110.3	13.71	111.15	0.1612	-0.0768	172.9	19 498	-1 498c				%	
12 460	33 568	81.45	-119.36	34.48	124.25	0.1568	-0.0665	163.8	21 507	-1 507c				%	
13 465	33 569	81.92	-121.61	45.97	130.01	0.1559	-0.0609	159.2	22 514	-1 514c				%	
14 470	34 571	82.66	-120.77	57.74	133.86	0.1568	-0.0553	154.4	24 522	-1 522c				%	
14 475	35 575	84.24	-115.44	60.46	130.32	0.1605	-0.0544	152.3	25 525	-1 525c	Gm			%	
16 480	36 581	86.11	-105.73	83.03	134.43	0.1664	-0.0442	141.8	27 538	-1 538c				%	
17 485	39 595	90.19	-81.64	98.55	127.97	0.18	-0.0386	129.6	29 549	-1 549c				%	
18 490	-1 490c	97.85	-20.19	119.57	121.26	0.21	-0.0327	99.5	33 568	11 459	max			%	
19 495	-1 495c	97.3	-17.91	125.92	127.19	0.211	-0.0297	98.0	33 568	12 461				%	
19 500	-1 499c	97.3	-17.91	125.92	127.19	0.211	-0.0297	98.0	33 568	12 461				%	
22 510	-1 510c	94.63	-6.64	140.85	141.01	0.216	-0.0218	92.7	34 571	13 469				%	
24 520	-1 520c	91.75	4.59	146.03	146.1	0.2212	-0.0178	88.1	34 574	14 473	Ym			%	
26 530	-1 530c	88.02	17.68	145.85	146.92	0.2277	-0.0145	83.0	35 577	15 477				%	
28 540	-1 540c	83.56	31.64	141.2	144.7	0.2352	-0.0119	77.3	36 581	15 479				%	
29 545	-1 545c	81.07	38.69	137.72	143.05	0.2393	-0.0109	74.3	36 583	16 480				%	
29 550	-1 549c	81.07	38.69	137.72	143.05	0.2393	-0.0109	74.3	36 583	16 480				%	
30 555	-1 554c	78.42	45.65	133.68	141.26	0.2436	-0.0102	71.1	37 585	16 482				%	
32 560	-1 560c	72.66	58.88	124.34	137.58	0.2528	-0.0092	64.6	38 590	16 483				%	
380	770	100.0	0.0	0.0	0.0	0.2191	-0.0837	0.0						%	

Ostwald optimal colours (o) of maximum (m) C _{AB} for E00, Y _w =100, Y _m =770_520, CIELAB complementary															%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code		%		
32 564	1 405	71.27	62.52	98.78	116.91	0.2555	-0.0287	57.6	38 592	16 484	Rm		%		
33 565	6 435	70.93	71.83	28.95	77.45	0.2611	-0.0675	21.9	45 627	17 488			%		
33 566	10 450	70.56	84.55	-14.4	85.77	0.2687	-0.0918	350.3	-1 498c	19 498			%		
33 568	12 460	69.98	90.17	-29.54	94.89	0.2724	-0.1004	341.8	-1 507c	21 507			%		
33 569	13 465	69.37	92.89	-35.98	99.61	0.2744	-0.1042	338.8	-1 514c	22 514			%		
34 571	14 470	68.37	95.44	-41.93	104.24	0.2766	-0.1079	336.2	-1 522c	24 522			%		
35 575	14 475	66.11	99.55	-45.82	109.59	0.2807	-0.1108	335.2	-1 525c	25 525	Mm		%		
36 581	16 480	63.17	102.89	-56.56	117.41	0.2851	-0.1184	331.2	-1 538c	27 538			%		
39 595	17 485	55.38	108.0	-71.77	129.67	0.296	-0.1326	326.3	-1 549c	29 549			%		
-1 490c	18 490	28.02	85.37	-120.26	147.48	0.3177	-0.2165	305.3	11 459	33 568	min		%		
-1 495c	19 495	31.41	71.03	-115.43	135.53	0.2953	-0.2021	301.6	12 461	33 568			%		
-1 499c	19 500	31.41	71.03	-115.43	135.53	0.2953	-0.2021	301.6	12 461	33 568			%		
-1 510c	22 510	43.16	21.12	-96.96	99.24	0.2372	-0.1634	282.2	13 469	34 571			%		
-1 520c	24 520	51.68	-12.26	-82.78	83.68	0.2098	-0.1431	261.5	14 473	34 574	Bm		%		
-1 530c	26 530	59.79	-39.13	-69.07	79.38	0.1928	-0.128	240.4	15 477	35 577			%		
-1 540c	28 540	67.12	-57.58	-56.56	80.72	0.1838	-0.1168	224.4	15 479	36 581			%		
-1 545c	29 545	70.46	-63.67	-50.83	81.48	0.1816	-0.1123	218.6	16 480	36 583			%		
-1 549c	29 550	70.46	-63.67	-50.83	81.48	0.1816	-0.1123	218.6	16 480	36 583			%		
-1 554c	30 555	73.6	-67.81	-45.45	81.64	0.1806	-0.1084	213.8	16 482	37 585			%		
-1 560c	32 560	79.25	-70.77	-35.73	79.28	0.1813	-0.1019	206.7	16 483	38 590			%		
380	770	100.0	0.0	0.0	0.0	0.2191	-0.0837	0.0					%		

Ostwald optimal colours (o) of maximum (m) C _{AB} for E00, Y _{w,10} =100, Y _m =520_770, CIELAB data															%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code			%	
1 405	31 559	79.43	-69.97	-33.95	77.77	0.1818	-0.101	205.8	15 477	37 589	Cm			%	
7 435	32 561	79.66	-92.09	-9.07	92.53	0.1701	-0.0883	185.6	16 484	-1 484c				%	
10 450	32 562	79.85	-108.58	17.48	109.98	0.1615	-0.0748	170.8	18 493	-1 493c				%	
12 460	33 565	80.46	-114.73	39.56	121.36	0.1586	-0.0638	160.9	21 506	-1 506c				%	
13 465	33 568	81.27	-113.49	52.13	124.89	0.1597	-0.0577	155.3	23 515	-1 515c				%	
13 470	34 572	83.3	-106.48	55.62	120.14	0.1645	-0.0565	152.4	24 520	-1 520c				%	
14 475	36 581	86.11	-93.97	71.54	118.1	0.1723	-0.0497	142.7	26 532	-1 532c	Gm			%	
16 480	40 604	91.81	-55.72	101.41	115.71	0.1928	-0.038	118.7	30 551	-1 551c				%	
17 485	-1 485c	96.74	-15.85	118.68	119.73	0.2119	-0.0326	97.6	32 564	11 456				%	
18 490	-1 490c	96.1	-13.14	125.53	126.21	0.2131	-0.0293	95.9	32 564	11 458	max			%	
19 495	-1 495c	95.33	-9.88	131.44	131.81	0.2145	-0.0263	94.3	33 565	12 460				%	
20 500	-1 500c	94.43	-6.08	136.47	136.6	0.2162	-0.0236	92.5	33 566	12 462				%	
22 510	-1 510c	92.16	3.03	143.93	143.96	0.2205	-0.019	88.7	33 569	13 466				%	
23 520	-1 519c	90.77	8.29	146.41	146.64	0.223	-0.0169	86.7	34 570	13 468	Ym			%	
25 530	-1 529c	87.45	19.7	146.61	147.93	0.2287	-0.013	82.3	34 573	14 470				%	
27 540	-1 539c	83.46	31.82	142.58	146.09	0.2353	-0.0092	77.4	35 577	14 473				%	
29 545	-1 545c	78.83	44.02	135.72	142.68	0.2426	-0.0052	72.0	36 582	15 475				%	
29 550	-1 549c	78.83	44.02	135.72	142.68	0.2426	-0.0052	72.0	36 582	15 475				%	
31 555	-1 555c	73.61	55.53	126.92	138.53	0.2505	0.0	66.3	37 587	15 476				%	
32 560	3 415	70.87	63.43	69.32	93.97	0.2562	-0.0449	47.5	39 595	15 478				%	
380	770	100.0	0.0	0.0	0.0	0.219	-0.0837	0.0						%	

Ostwald optimal colours (o) of maximum (m) C _{AB} for E00, Y _{w,10} =100, Y _m =770_520, CIELAB complementary															%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code			%	
31 559	1 405	72.45	58.84	95.98	112.58	0.2529	-0.0309	58.4	37 589	15 477	Rm			%	
32 561	7 435	72.18	71.63	12.24	72.67	0.2603	-0.077	9.6	-1 484c	16 484				%	
32 562	10 450	71.95	79.98	-16.73	81.72	0.2653	-0.093	348.1	-1 493c	18 493				%	
33 565	12 460	71.21	84.68	-30.98	90.17	0.2684	-0.101	339.9	-1 506c	21 506				%	
33 568	13 465	70.2	86.97	-37.58	94.74	0.2703	-0.1049	336.6	-1 515c	23 515				%	
34 572	13 470	67.48	91.21	-42.27	100.53	0.2746	-0.1083	335.1	-1 520c	24 520				%	
36 581	14 475	63.17	95.86	-53.49	109.78	0.2806	-0.1165	330.8	-1 532c	26 532	Mm			%	
40 604	16 480	51.52	92.9	-78.43	121.58	0.289	-0.1402	319.8	-1 551c	30 551				%	
-1 485c	17 485	34.38	59.2	-109.46	124.44	0.2788	-0.1893	298.4	11 456	32 564				%	
-1 490c	18 490	37.42	46.35	-105.27	115.03	0.2632	-0.1795	293.7	11 458	32 564	min			%	
-1 495c	19 495	40.57	32.86	-100.6	105.83	0.2486	-0.1701	288.0	12 460	33 565				%	
-1 500c	20 500	43.84	19.01	-95.52	97.39	0.2352	-0.1613	281.2	12 462	33 566				%	
-1 510c	22 510	50.61	-8.3	-84.51	84.92	0.2127	-0.1454	264.3	13 466	33 569				%	
-1 519c	23 520	54.06	-21.03	-78.76	81.52	0.2038	-0.1383	255.0	13 468	34 570	Bm			%	
-1 529c	25 530	60.84	-42.55	-67.32	79.65	0.1909	-0.1263	237.7	14 470	34 573				%	
-1 539c	27 540	67.25	-57.63	-56.4	80.64	0.1838	-0.1166	224.3	14 473	35 577				%	
-1 545c	29 545	73.13	-66.12	-46.31	80.73	0.1813	-0.109	215.0	15 475	36 582				%	
-1 549c	29 550	73.13	-66.12	-46.31	80.73	0.1813	-0.109	215.0	15 475	36 582				%	
-1 555c	31 555	78.41	-68.43	-37.22	77.9	0.1822	-0.1029	208.5	15 476	37 587				%	
3 415	32 560	80.74	-72.04	-28.77	77.57	0.1812	-0.0982	201.7	15 478	39 595				%	
380	770	100.0	0.0	0.0	0.0	0.219	-0.0837	0.0						%	

see similar files: <http://130.149.60.45/~farbmetrik/VE36/VE36.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-VE36/VE36L0NP.PDF /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

Ostwald optimal colours (o) of maximum (m) C _{AB} for C00, Y _w =100, Y _m =520_770, CIELAB data															%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code				%
1 405	32 562	80.56	-63.21	-32.83	71.23	0.1846	-0.106	207.4	16 482	37 589	Cm	%			%
6 435	32 563	80.94	-78.71	-18.89	80.95	0.1766	-0.0985	193.5	17 486	42 612		%			%
10 450	32 564	81.34	-107.68	12.88	108.44	0.1618	-0.0817	173.1	19 496	-1 496c		%			%
11 460	33 566	82.13	-112.84	24.14	115.39	0.1595	-0.0759	167.9	20 501	-1 501c		%			%
13 465	33 568	82.49	-121.78	46.53	130.37	0.1552	-0.0642	159.0	22 513	-1 513c		%			%
14 470	34 570	83.42	-121.35	59.14	135.0	0.156	-0.058	154.0	24 522	-1 522c		%			%
15 475	35 575	84.96	-116.2	72.42	136.92	0.1595	-0.0517	148.0	26 530	-1 530c	Gm	%			%
16 480	36 582	87.52	-103.12	86.81	134.79	0.1673	-0.0454	139.9	28 540	-1 540c		%			%
16 485	40 602	92.82	-72.73	95.9	120.36	0.1839	-0.0432	127.1	30 551	-1 551c		%			%
18 490	-1 490c	97.36	-24.59	121.29	123.76	0.2067	-0.0335	101.4	33 566	11 459	max	%			%
19 495	-1 495c	96.73	-21.95	127.88	129.75	0.2078	-0.0302	99.7	33 567	12 462		%			%
19 500	-1 499c	96.73	-21.95	127.88	129.75	0.2078	-0.0302	99.7	33 567	12 462		%			%
21 510	-1 509c	95.02	-14.69	138.59	139.36	0.2109	-0.0244	96.0	33 568	13 466		%			%
24 520	-1 520c	91.05	1.02	144.8	144.81	0.2181	-0.018	89.5	34 572	14 472	Ym	%			%
26 530	-1 530c	87.33	13.98	144.52	145.2	0.2245	-0.0147	84.4	35 575	15 475		%			%
28 540	-1 540c	82.69	28.3	139.63	142.47	0.2321	-0.0121	78.5	35 579	15 478		%			%
28 545	-1 544c	82.69	28.3	139.63	142.47	0.2321	-0.0121	78.5	35 579	15 478		%			%
29 550	-1 549c	80.02	35.71	135.89	140.5	0.2364	-0.0111	75.2	36 581	15 479		%			%
31 555	-1 555c	74.09	50.35	126.59	136.23	0.2459	-0.0097	68.3	37 586	16 481		%			%
31 560	-1 559c	74.09	50.35	126.59	136.23	0.2459	-0.0097	68.3	37 586	16 481		%			%
380	770	100.0	0.0	0.0	0.0	0.2176	-0.0885	0.0				%			%

Ostwald optimal colours (o) of maximum (m) C _{AB} for C00, Y _w =100, Y _m =770_520, CIELAB complementary															%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code				%
32 562	1 405	71.09	57.31	106.8	121.2	0.2509	-0.0254	61.7	37 589	16 482	Rm	%			%
32 563	6 435	70.63	68.01	33.32	75.74	0.2573	-0.0688	26.0	42 612	17 486		%			%
32 564	10 450	70.11	84.57	-13.89	85.71	0.2672	-0.0968	350.6	-1 496c	19 496		%			%
33 566	11 460	69.09	89.82	-23.71	92.89	0.271	-0.1028	345.2	-1 501c	20 501		%			%
33 568	13 465	68.6	95.21	-37.12	102.19	0.2745	-0.1111	338.7	-1 513c	22 513		%			%
34 570	14 470	67.31	98.82	-43.8	108.09	0.2775	-0.1155	336.0	-1 522c	24 522		%			%
35 575	15 475	65.02	103.1	-51.14	115.09	0.2819	-0.1209	333.6	-1 530c	26 530	Mm	%			%
36 582	16 480	60.71	108.36	-61.1	124.39	0.289	-0.1294	330.5	-1 540c	28 540		%			%
40 602	16 485	48.81	118.01	-81.6	143.48	0.3096	-0.1532	325.3	-1 551c	30 551		%			%
-1 490c	18 490	31.05	89.91	-115.42	146.31	0.3142	-0.2146	307.9	11 459	33 566	min	%			%
-1 495c	19 495	34.46	75.47	-110.51	133.82	0.2932	-0.2011	304.3	12 462	33 567		%			%
-1 499c	19 500	34.46	75.47	-110.51	133.82	0.2932	-0.2011	304.3	12 462	33 567		%			%
-1 509c	21 510	41.75	44.31	-99.2	108.65	0.2564	-0.1768	294.0	13 466	33 568		%			%
-1 520c	24 520	53.38	-2.45	-79.92	79.96	0.2158	-0.1477	268.2	14 472	34 572	Bm	%			%
-1 530c	26 530	61.06	-28.27	-66.91	72.64	0.1991	-0.1331	247.0	15 475	35 575		%			%
-1 540c	28 540	68.34	-47.27	-54.48	72.13	0.1893	-0.1217	229.0	15 478	35 579		%			%
-1 544c	28 545	68.34	-47.27	-54.48	72.13	0.1893	-0.1217	229.0	15 478	35 579		%			%
-1 549c	29 550	71.74	-53.89	-48.64	72.59	0.1866	-0.117	222.0	15 479	36 581		%			%
-1 555c	31 555	77.97	-61.37	-37.94	72.15	0.1846	-0.1093	211.7	16 481	37 586		%			%
-1 559c	31 560	77.97	-61.37	-37.94	72.15	0.1846	-0.1093	211.7	16 481	37 586		%			%
380	770	100.0	0.0	0.0	0.0	0.2176	-0.0885	0.0				%			%

Ostwald optimal colours (o) of maximum (m) C _{AB} for C00, Y _{w,10} =100, Y _m =520_770, CIELAB data															%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code				%
1 405	31 556	79.55	-62.94	-34.33	71.69	0.1839	-0.1063	208.6	15 475	37 586	Cm	%			%
6 435	31 558	80.09	-80.06	-17.74	82.0	0.1751	-0.0974	192.4	16 480	44 623		%			%
9 450	32 560	80.48	-100.43	6.75	100.66	0.1646	-0.0844	176.1	17 487	-1 487c		%			%
12 460	32 563	80.92	-115.27	39.0	121.69	0.1571	-0.0674	161.3	20 504	-1 504c		%			%
12 465	33 566	82.38	-111.12	41.51	118.62	0.1601	-0.0664	159.5	21 507	-1 507c		%			%
13 470	34 572	84.32	-105.95	56.44	120.04	0.1638	-0.0593	151.9	24 520	-1 520c		%			%
14 475	36 582	87.61	-90.64	73.68	116.81	0.173	-0.0517	140.8	26 533	-1 533c	Gm	%			%
16 480	44 622	94.59	-37.95	107.01	113.55	0.1998	-0.0386	109.5	31 556	0 403		%			%
17 485	-1 485c	96.04	-18.84	118.93	120.42	0.2086	-0.0338	99.0	32 562	11 456		%			%
18 490	-1 490c	95.27	-15.61	126.11	127.07	0.21	-0.0301	97.0	32 563	11 459	max	%			%
19 495	-1 495c	94.39	-11.85	132.2	132.74	0.2116	-0.0268	95.1	32 564	12 461		%			%
20 500	-1 500c	93.39	-7.65	137.25	137.46	0.2135	-0.0239	93.1	33 565	12 463		%			%
22 510	-1 510c	91.04	1.78	142.45	142.46	0.2179	-0.0191	89.2	33 567	13 466		%			%
24 520	-1 520c	88.11	12.43	145.37	145.9	0.2231	-0.015	85.1	34 570	13 468	Ym	%			%
26 530	-1 530c	84.48	24.05	143.15	145.15	0.2291	-0.0113	80.4	34 574	14 471		%			%
28 540	-1 540c	79.99	36.54	137.3	142.08	0.2362	-0.0074	75.0	35 578	14 473		%			%
28 545	-1 544c	79.99	36.54	137.3	142.08	0.2362	-0.0074	75.0	35 578	14 473		%			%
29 550	-1 549c	77.45	42.86	133.32	140.04	0.2402	-0.0053	72.1	36 580	14 474		%			%
31 555	-1 555c	71.78	55.02	123.76	135.44	0.2486	0.0	66.0	37 585	15 475		%			%
31 560	9 447	72.94	74.82	-5.27	75.0	0.2594	-0.091	355.9	-1 487c	17 487		%			%
380	770	100.0	0.0	0.0	0.0	0.2171	-0.088	0.0				%			%

Ostwald optimal colours (o) of maximum (m) C _{AB} for C00, Y _{w,10} =100, Y _m =770_520, CIELAB complementary															%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code				%
31 556	1 405	72.31	54.74	104.15	117.66	0.2483	-0.0277	62.2	37 586	15 475	Rm	%			%
31 558	6 435	71.66	66.43	28.84	72.42	0.2552	-0.0712	23.4	44 623	16 480		%			%
32 560	9 450	71.2	78.23	-7.55	78.6	0.2623	-0.0924	354.4	-1 487c	17 487		%			%
32 563	12 460	70.65	86.5	-31.28	91.99	0.2673	-0.1064	340.1	-1 504c	20 504		%			%
33 566	12 465	68.75	89.94	-34.54	96.35	0.2705	-0.1088	338.9	-1 507c	21 507		%			%
34 572	13 470	65.99	95.06	-44.46	104.94	0.2755	-0.1157	334.9	-1 520c	24 520		%			%
36 582	14 475	60.56	100.71	-57.86	116.15	0.2833	-0.1266	330.1	-1 533c	26 533	Mm	%			%
44 622	16 480	43.3	88.0	-92.76	127.86	0.2918	-0.1679	313.4	0 403	31 556		%			%
-1 485c	17 485	37.65	61.31	-104.04	120.76	0.2747	-0.1871	300.5	11 456	32 562		%			%
-1 490c	18 490	40.81	47.95	-99.66	110.6	0.2596	-0.1776	295.6	11 459	32 563	min	%			%
-1 495c	19 495	43.98	34.37	-94.93	100.96	0.2459	-0.1688	289.9	12 461	32 564		%			%
-1 500c	20 500	47.15	20.94	-89.98	92.38	0.2338	-0.1608	283.1	12 463	33 565		%			%
-1 510c	22 510	53.42	-4.32	-79.77	79.89	0.2139	-0.1467	266.8	13 466	33 567		%			%
-1 520c	24 520	59.62	-26.27	-69.37	74.18	0.1995	-0.1348	249.2	13 468	34 570	Bm	%			%
-1 530c	26 530	65.76	-43.53	-58.93	73.27	0.1902	-0.1248	233.5	14 471	34 574		%			%
-1 540c	28 540	71.78	-55.39	-48.62	73.71	0.1853	-0.1163	221.2	14 473	35 578		%			%
-1 544c	28 545	71.78	-55.39	-48.62	73.71	0.1853	-0.1163	221.2	14 473	35 578		%			%
-1 549c	29 550	74.65	-59.03	-43.69	73.44	0.1842	-0.1126	216.5	14 474	36 580		%			%
-1 555c	31 555	80.0	-61.78	-34.48	70.76	0.1846	-0.1063	209.1	15 475	37 585		%			%
9 447	31 560	79.0	-102.91	4.93	103.03	0.1625	-0.0853	177.2	17 487	-1 487c		%			%
380	770	100.0	0.0	0.0	0.0	0.2171	-0.088	0.0				%			%

see similar files: <http://130.149.60.45/~farbmetrik/VE36/VE36.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Ostwald optimal colours (o) of maximum (m) C _{AB} for P00, Y _w =100, Y _m =520_770, CIELAB data														%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code		%	
1 405	33 567	80.08	-78.89	-33.31	85.63	0.1785	-0.0938	202.8	17 486	38 594	Cm		%	
7 435	33 567	80.26	-94.94	-13.06	95.84	0.1701	-0.0842	187.8	18 491	-1 491c			%	
10 450	33 568	80.54	-108.99	10.63	109.5	0.1628	-0.0731	174.4	19 499	-1 499c			%	
12 460	34 570	80.91	-116.28	30.81	120.29	0.1591	-0.0636	165.1	21 507	-1 507c			%	
13 465	34 571	81.27	-117.71	41.96	124.97	0.1586	-0.0585	160.3	22 513	-1 513c			%	
13 470	34 572	82.09	-115.15	43.37	123.05	0.1605	-0.058	159.3	23 515	-1 515c			%	
15 475	35 575	82.9	-113.69	65.12	131.02	0.1617	-0.0482	150.1	25 529	-1 529c	Gm		%	
16 480	36 580	84.67	-105.54	77.46	130.92	0.1669	-0.0432	143.7	27 537	-1 537c			%	
17 485	37 589	87.83	-88.4	91.44	127.19	0.177	-0.0381	134.0	29 547	-1 547c			%	
18 490	45 625	95.55	-35.3	112.58	117.98	0.2044	-0.0323	107.4	32 564	-1 564c	max		%	
18 495	-1 494c	98.18	-14.88	117.1	118.05	0.2139	-0.0316	97.2	34 570	12 460			%	
20 500	-1 500c	97.07	-10.22	129.61	130.01	0.2159	-0.0261	94.5	34 571	13 465			%	
22 510	-1 510c	95.29	-2.73	139.39	139.42	0.2193	-0.0213	91.1	34 573	14 470			%	
24 520	-1 520c	92.66	7.59	145.17	145.36	0.2241	-0.0175	87.0	35 575	14 474	Ym		%	
25 530	-1 529c	91.02	13.53	148.64	149.25	0.227	-0.0158	84.7	35 577	15 476			%	
28 540	-1 540c	85.0	33.06	143.68	147.44	0.2373	-0.0117	77.0	36 582	16 481			%	
28 545	-1 544c	85.0	33.06	143.68	147.44	0.2373	-0.0117	77.0	36 582	16 481			%	
30 550	-1 550c	80.12	46.56	136.57	144.29	0.2453	-0.0101	71.1	37 586	16 483			%	
30 555	-1 554c	80.12	46.56	136.57	144.29	0.2453	-0.0101	71.1	37 586	16 483			%	
32 560	-1 560c	74.58	59.47	127.61	140.79	0.2542	-0.0091	65.0	38 591	17 485			%	
380	770	100.0	0.0	0.0	0.0	0.2205	-0.078	0.0					%	

Ostwald optimal colours (o) of maximum (m) C _{AB} for P00, Y _w =100, Y _m =770_520, CIELAB complementary														%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code		%	
33 567	1 405	71.68	65.73	101.35	120.8	0.2589	-0.0256	57.0	38 594	17 486	Rm		%	
33 567	7 435	71.46	74.85	19.51	77.35	0.2644	-0.0679	14.6	-1 491c	18 491			%	
33 568	10 450	71.12	82.43	-11.36	83.21	0.269	-0.084	352.1	-1 499c	19 499			%	
34 570	12 460	70.66	86.89	-26.77	90.93	0.2719	-0.092	342.8	-1 507c	21 507			%	
34 571	13 465	70.21	88.8	-33.2	94.81	0.2733	-0.0955	339.5	-1 513c	22 513			%	
34 572	13 470	69.14	90.72	-35.03	97.25	0.2751	-0.0967	338.8	-1 515c	23 515			%	
35 575	15 475	68.04	93.17	-44.83	103.4	0.2773	-0.1022	334.3	-1 529c	25 529	Mm		%	
36 580	16 480	65.47	96.3	-51.84	109.37	0.2811	-0.1069	331.7	-1 537c	27 537			%	
37 589	17 485	60.15	100.27	-62.94	118.39	0.288	-0.1155	327.8	-1 547c	29 547			%	
45 625	18 490	39.7	91.84	-99.65	135.52	0.305	-0.1591	312.6	-1 564c	32 564	min		%	
-1 494c	18 495	25.68	73.84	-123.82	144.16	0.3113	-0.2127	300.8	12 460	34 570			%	
-1 500c	20 500	32.66	44.11	-113.75	122.01	0.267	-0.184	291.1	13 465	34 571			%	
-1 510c	22 510	40.72	10.05	-101.0	101.49	0.2296	-0.1587	275.6	14 470	34 573			%	
-1 520c	24 520	49.28	-23.24	-86.83	89.88	0.2023	-0.1383	255.0	14 474	35 575	Bm		%	
-1 529c	25 530	53.46	-37.59	-79.8	88.21	0.1928	-0.1301	244.7	15 476	35 577			%	
-1 540c	28 540	64.96	-67.78	-60.26	90.69	0.1777	-0.1118	221.6	16 481	36 582			%	
-1 544c	28 545	64.96	-67.78	-60.26	90.69	0.1777	-0.1118	221.6	16 481	36 582			%	
-1 550c	30 550	71.63	-77.26	-48.82	91.4	0.1754	-0.1033	212.2	16 483	37 586			%	
-1 554c	30 555	71.63	-77.26	-48.82	91.4	0.1754	-0.1033	212.2	16 483	37 586			%	
-1 560c	32 560	77.52	-79.3	-38.71	88.25	0.1771	-0.0968	206.0	17 485	38 591			%	
380	770	100.0	0.0	0.0	0.0	0.2205	-0.078	0.0					%	

Ostwald optimal colours (o) of maximum (m) C _{AB} for P00, Y _w ,10=100, Y _m =520_770, CIELAB data														%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code		%	
0 405	32 562	78.99	-75.59	-35.63	83.57	0.18	-0.0951	205.2	15 479	38 591	Cm		%	
7 435	32 563	79.17	-93.44	-11.49	94.15	0.1705	-0.0836	187.0	17 485	-1 485c			%	
9 450	32 564	79.53	-102.04	5.22	102.17	0.166	-0.0756	177.0	18 491	-1 491c			%	
12 460	33 567	79.82	-110.92	35.7	116.52	0.1615	-0.0612	162.1	21 506	-1 506c			%	
13 465	33 569	80.49	-110.11	47.91	120.08	0.1623	-0.0556	156.4	22 514	-1 514c			%	
13 470	34 572	82.15	-104.48	50.77	116.16	0.1662	-0.0547	154.0	23 518	-1 518c			%	
15 475	35 579	83.95	-94.61	75.31	120.93	0.1723	-0.0439	141.4	26 534	-1 534c	Gm		%	
16 480	38 593	88.61	-69.26	92.98	115.94	0.1868	-0.0378	126.6	29 547	-1 547c			%	
17 485	-1 485c	97.27	-11.29	116.74	117.29	0.2157	-0.0314	95.5	33 566	11 457			%	
17 490	-1 489c	97.27	-11.29	116.74	117.29	0.2157	-0.0314	95.5	33 566	11 457	max		%	
19 495	-1 495c	96.02	-6.01	129.98	130.12	0.218	-0.0255	92.6	33 567	12 461			%	
19 500	-1 499c	96.02	-6.01	129.98	130.12	0.218	-0.0255	92.6	33 567	12 461			%	
22 510	-1 510c	93.17	5.65	143.44	143.55	0.2234	-0.0185	87.7	34 570	13 467			%	
23 520	-1 519c	91.89	10.48	148.8	149.17	0.2258	-0.0165	85.9	34 572	13 469	Ym		%	
26 530	-1 530c	87.04	26.76	147.67	150.08	0.2341	-0.0109	79.7	35 577	14 473			%	
28 540	-1 540c	82.97	38.46	142.46	147.56	0.2407	-0.0071	74.8	36 580	15 475			%	
28 545	-1 544c	82.97	38.46	142.46	147.56	0.2407	-0.0071	74.8	36 580	15 475			%	
29 550	-1 549c	80.7	44.3	138.94	145.83	0.2442	-0.0051	72.3	36 583	15 476			%	
31 555	-1 555c	75.69	55.54	130.5	141.83	0.2518	0.0	66.9	37 587	15 478			%	
32 560	-1 560c	72.95	60.74	125.77	139.67	0.2558	0.0	64.2	38 590	15 479			%	
380	770	100.0	0.0	0.0	0.0	0.2208	-0.0781	0.0					%	

Ostwald optimal colours (o) of maximum (m) C _{AB} for P00, Y _{w,10} =100, Y _m =770_520, CIELAB complementary														%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code		%	
32 562	0 405	72.96	61.02	114.65	129.88	0.2559	-0.021	61.9	38 591	15 479	Rm		%	
32 563	7 435	72.75	70.89	15.73	72.61	0.2617	-0.0701	12.5	-1 485c	17 485			%	
32 564	9 450	72.33	76.03	-5.7	76.24	0.2649	-0.081	355.7	-1 491c	18 491			%	
33 567	12 460	71.98	80.91	-28.26	85.7	0.2679	-0.0927	340.7	-1 506c	21 506			%	
33 569	13 465	71.19	82.74	-34.74	89.74	0.2694	-0.0962	337.2	-1 514c	22 514			%	
34 572	13 470	69.06	85.88	-38.4	94.08	0.2725	-0.0986	335.9	-1 518c	23 518			%	
35 579	15 475	66.54	87.32	-49.77	100.51	0.275	-0.1055	330.3	-1 534c	26 534	Mm		%	
38 593	16 480	58.66	89.16	-65.55	110.67	0.282	-0.1179	323.6	-1 547c	29 547			%	
-1 485c	17 485	31.58	49.57	-113.84	124.17	0.2742	-0.1867	293.5	11 457	33 566			%	
-1 489c	17 490	31.58	49.57	-113.84	124.17	0.2742	-0.1867	293.5	11 457	33 566	min		%	
-1 495c	19 495	37.74	23.37	-105.22	107.79	0.2431	-0.1669	282.5	12 461	33 567			%	
-1 499c	19 500	37.74	23.37	-105.22	107.79	0.2431	-0.1669	282.5	12 461	33 567			%	
-1 510c	22 510	47.83	-17.88	-89.2	90.98	0.2064	-0.1415	258.6	13 467	34 570			%	
-1 519c	23 520	51.33	-30.66	-83.4	88.86	0.1974	-0.1343	249.8	13 469	34 572	Bm		%	
-1 530c	26 530	61.58	-60.36	-66.11	89.52	0.1809	-0.1168	227.6	14 473	35 577			%	
-1 540c	28 540	67.95	-71.7	-55.23	90.5	0.177	-0.1079	217.6	15 475	36 580			%	
-1 544c	28 545	67.95	-71.7	-55.23	90.5	0.177	-0.1079	217.6	15 475	36 580			%	
-1 549c	29 550	70.92	-74.81	-50.12	90.05	0.1767	-0.1043	213.8	15 476	36 583			%	
-1 555c	31 555	76.45	-76.38	-40.6	86.5	0.1784	-0.098	207.9	15 478	37 587			%	
-1 560c	32 560	79.0	-75.05	-36.21	83.33	0.1803	-0.0954	205.7	15 479	38 590			%	
380	770	100.0	0.0	0.0	0.0	0.2208	-0.0781	0.0					%	

see similar files: <http://130.149.60.45/~farbmetrik/VE36/VE36L0NP.PDF> / .PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-VE36/VE36L0NP.PDF /.PS
application for measurement of display output, no separation

TUB material: code=rha4ta

Ostwald optimal colours (o) of maximum (m) C _{AB} for Q00, Y _w =100, Y _m =520_770, CIELAB data																%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code					%
1 405	32 562	80.68	-64.24	-32.07	71.8	0.184	-0.1058	206.5	16 482	38 590	Cm	%				%
7 435	32 562	80.95	-89.53	-9.44	90.03	0.1709	-0.0937	186.0	17 488	-1 488c		%				%
10 450	32 564	81.4	-111.42	16.02	112.57	0.1598	-0.0802	171.8	19 497	-1 497c		%				%
11 460	33 566	82.16	-116.43	27.13	119.54	0.1576	-0.0745	166.8	20 502	-1 502c		%				%
12 465	33 568	82.76	-120.38	38.66	126.44	0.156	-0.0685	162.1	21 508	-1 508c		%				%
14 470	34 570	83.43	-124.41	61.21	138.66	0.1544	-0.057	153.8	24 522	-1 522c		%				%
15 475	35 575	84.95	-119.09	73.9	140.16	0.158	-0.051	148.1	26 530	-1 530c	Gm	%				%
16 480	36 582	87.54	-105.63	87.7	137.29	0.166	-0.0451	140.2	27 539	-1 539c		%				%
17 485	40 602	92.55	-72.3	104.85	127.36	0.1839	-0.039	124.5	30 552	-1 552c		%				%
17 490	-1 489c	98.01	-27.86	114.23	117.58	0.2052	-0.0371	103.7	33 565	11 455	max	%				%
18 495	-1 494c	97.52	-25.98	121.21	123.96	0.206	-0.0337	102.1	33 565	11 458		%				%
20 500	-1 500c	96.13	-20.14	132.94	134.46	0.2085	-0.0276	98.6	33 567	12 463		%				%
21 510	-1 509c	95.16	-16.01	137.78	138.71	0.2103	-0.0249	96.6	33 568	13 465		%				%
23 520	-1 519c	92.51	-5.25	144.35	144.45	0.2151	-0.0202	92.0	34 571	14 470	Ym	%				%
26 530	-1 530c	86.82	15.1	143.67	144.46	0.2249	-0.0148	83.9	35 576	15 475		%				%
27 540	-1 539c	84.53	22.41	141.62	143.39	0.2288	-0.0133	81.0	35 578	15 477		%				%
28 545	-1 544c	82.07	29.8	138.65	141.81	0.2329	-0.0121	77.8	36 580	15 478		%				%
29 550	-1 549c	79.44	37.14	134.94	139.96	0.2372	-0.0111	74.6	36 582	15 479		%				%
30 555	-1 554c	76.66	44.34	130.68	138.0	0.2417	-0.0103	71.2	36 584	16 480		%				%
31 560	-1 559c	73.72	51.3	125.98	136.02	0.2464	-0.0097	67.8	37 587	16 481		%				%
380	770	100.0	0.0	0.0	0.0	0.2175	-0.0887	0.0				%				%

Ostwald optimal colours (o) of maximum (m) C _{AB} for Q00, Y _w =100, Y _m =770_520, CIELAB complementary																%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code					%
32 562	1 405	70.95	58.27	97.03	113.19	0.2514	-0.0312	59.0	38 590	16 482	Rm	%				%
32 562	7 435	70.61	74.16	13.74	75.43	0.2608	-0.0805	10.4	-1 488c	17 488		%				%
32 564	10 450	70.04	86.49	-16.68	88.09	0.2683	-0.0987	349.0	-1 497c	19 497		%				%
33 566	11 460	69.05	91.55	-25.83	95.12	0.2719	-0.1043	344.2	-1 502c	20 502		%				%
33 568	12 465	68.24	95.65	-33.6	101.38	0.2749	-0.1092	340.6	-1 508c	21 508		%				%
34 570	14 470	67.3	100.2	-44.53	109.65	0.2783	-0.1162	336.0	-1 522c	24 522		%				%
35 575	15 475	65.04	104.47	-51.53	116.49	0.2826	-0.1214	333.7	-1 530c	26 530	Mm	%				%
36 582	16 480	60.69	109.94	-61.33	125.9	0.2899	-0.1299	330.8	-1 539c	27 539		%				%
40 602	17 485	49.56	115.51	-82.21	141.78	0.3065	-0.1533	324.5	-1 552c	30 552		%				%
-1 489c	17 490	26.94	108.88	-121.21	162.93	0.3457	-0.2341	311.9	11 455	33 565	min	%				%
-1 494c	18 495	30.14	95.66	-116.93	151.08	0.3223	-0.2192	309.2	11 458	33 565		%				%
-1 500c	20 500	37.28	65.24	-106.29	124.71	0.2794	-0.1914	301.5	12 463	33 567		%				%
-1 509c	21 510	41.25	48.29	-99.99	111.04	0.2601	-0.1786	295.7	13 465	33 568		%				%
-1 519c	23 520	49.68	13.52	-86.1	87.15	0.2279	-0.1562	278.9	14 470	34 571	Bm	%				%
-1 530c	26 530	61.97	-29.73	-65.35	71.79	0.1983	-0.1318	245.5	15 475	35 576		%				%
-1 539c	27 540	65.68	-40.14	-59.01	71.37	0.1927	-0.1259	235.7	15 477	35 578		%				%
-1 544c	28 545	69.17	-48.47	-53.04	71.86	0.1888	-0.1208	227.5	15 478	36 580		%				%
-1 549c	29 550	72.43	-54.78	-47.45	72.47	0.1863	-0.1163	220.8	15 479	36 582		%				%
-1 554c	30 555	75.48	-59.17	-42.22	72.69	0.1849	-0.1125	215.5	16 480	36 584		%				%
-1 559c	31 560	78.3	-61.78	-37.36	72.2	0.1844	-0.1091	211.1	16 481	37 587		%				%
380	770	100.0	0.0	0.0	0.0	0.2175	-0.0887	0.0				%				%

Ostwald optimal colours (o) of maximum (m) C _{AB} for Q00, Y _w ,10=100, Y _m =520_770, CIELAB data																%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code					%
1 405	31 556	79.79	-63.03	-33.22	71.25	0.1841	-0.1064	207.7	15 475	37 587	Cm	%				%
7 435	31 558	80.09	-90.17	-7.26	90.46	0.17	-0.0925	184.6	16 482	-1 482c		%				%
10 450	32 560	80.33	-110.56	19.97	112.35	0.1594	-0.0779	169.7	18 493	-1 493c		%				%
12 460	32 563	81.05	-117.96	42.5	125.39	0.156	-0.0661	160.1	21 506	-1 506c		%				%
13 465	33 566	82.02	-116.8	55.43	129.29	0.1572	-0.0595	154.6	23 515	-1 515c		%				%
13 470	34 572	84.4	-108.27	59.54	123.56	0.1629	-0.0581	151.1	24 520	-1 520c		%				%
15 475	36 583	87.2	-91.51	85.94	125.54	0.1726	-0.0458	136.7	27 536	-1 536c	Gm	%				%
15 480	45 629	95.94	-36.61	100.99	107.43	0.2008	-0.0422	109.9	31 556	2 413		%				%
17 485	-1 485c	96.22	-20.84	119.83	121.63	0.208	-0.0337	99.8	32 561	11 455		%				%
17 490	-1 489c	96.22	-20.84	119.83	121.63	0.208	-0.0337	99.8	32 561	11 455	max	%				%
18 495	-1 494c	95.5	-17.81	126.48	127.73	0.2093	-0.0302	98.0	32 562	11 458		%				%
19 500	-1 499c	94.64	-14.18	132.17	132.93	0.2109	-0.0271	96.1	32 563	12 460		%				%
21 510	-1 509c	92.49	-5.24	140.83	140.92	0.2149	-0.0218	92.1	33 566	12 464		%				%
24 520	-1 520c	87.94	11.68	144.75	145.22	0.223	-0.0153	85.3	34 570	13 468	Ym	%				%
26 530	-1 530c	84.03	24.22	142.35	144.4	0.2295	-0.0114	80.3	34 574	14 471		%				%
27 540	-1 539c	81.81	30.65	139.71	143.04	0.2331	-0.0094	77.6	35 576	14 472		%				%
29 545	-1 545c	76.93	43.32	132.43	139.34	0.2408	-0.0053	71.8	36 581	14 474		%				%
30 550	-1 550c	74.27	49.37	128.02	137.22	0.2449	-0.003	68.9	36 583	15 475		%				%
30 555	-1 554c	74.27	49.37	128.02	137.22	0.2449	-0.003	68.9	36 583	15 475		%				%
31 560	9 447	72.71	76.81	-9.04	77.34	0.261	-0.0938	353.2	-1 488c	17 488		%				%
380	770	100.0	0.0	0.0	0.0	0.2173	-0.0886	0.0				%				%

Ostwald optimal colours (o) of maximum (m) C _{AB} for Q00, Y _w ,10=100, Y _m =770_520, CIELAB complementary																%
i ₁ , λ ₁	i ₂ , λ ₂	L* ₁₀₀	a* ₁₀₀	b* ₁₀₀	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code	%				
31 556	1 405	72.02	55.36	93.99	109.09	0.249	-0.0336	59.5	37 587	15 475	Rm	%				
31 558	7 435	71.67	71.89	9.73	72.55	0.2587	-0.0829	7.7	-1 482c	16 482		%				
32 560	10 450	71.37	82.43	-18.98	84.58	0.2649	-0.0997	347.0	-1 493c	18 493		%				
32 563	12 460	70.48	88.13	-33.16	94.16	0.2687	-0.1083	339.3	-1 506c	21 506		%				
33 566	13 465	69.23	91.19	-40.01	99.58	0.2713	-0.1127	336.3	-1 515c	23 515		%				
34 572	13 470	65.87	96.62	-45.8	106.93	0.2768	-0.1173	334.6	-1 520c	24 520		%				
36 583	15 475	61.29	99.34	-60.03	116.07	0.2822	-0.1285	328.8	-1 536c	27 536	Mm	%				
45 629	15 480	38.11	98.06	-99.99	140.06	0.3088	-0.1836	314.4	2 413	31 556		%				
-1 485c	17 485	36.85	67.79	-105.48	125.39	0.2821	-0.1912	302.7	11 455	32 561		%				
-1 489c	17 490	36.85	67.79	-105.48	125.39	0.2821	-0.1912	302.7	11 455	32 561	min	%				
-1 494c	18 495	39.93	54.8	-101.18	115.07	0.2668	-0.1816	298.4	11 458	32 562		%				
-1 499c	19 500	43.1	41.21	-96.41	104.85	0.2525	-0.1724	293.1	12 460	32 563		%				
-1 509c	21 510	49.73	13.47	-85.85	86.9	0.2277	-0.1557	278.9	12 464	33 566		%				
-1 520c	24 520	59.94	-24.21	-68.8	72.94	0.2012	-0.1351	250.6	13 468	34 570	Bm	%				
-1 530c	26 530	66.43	-42.61	-57.78	71.79	0.1912	-0.1246	233.5	14 471	34 574		%				
-1 539c	27 540	69.5	-49.43	-52.52	72.13	0.1882	-0.1201	226.7	14 472	35 576		%				
-1 545c	29 545	75.2	-58.23	-42.75	72.24	0.1851	-0.1127	216.2	14 474	36 581		%				
-1 550c	30 550	77.8	-60.33	-38.27	71.44	0.1849	-0.1095	212.3	15 475	36 583		%				
-1 554c	30 555	77.8	-60.33	-38.27	71.44	0.1849	-0.1095	212.3	15 475	36 583		%				
9 447	31 560	79.2	-106.01	8.78	106.37	0.1612	-0.0838	175.2	17 488	-1 488c		%				
380	770	100.0	0.0	0.0	0.0	0.2173	-0.0886	0.0				%				