

see similar files: <http://130.149.60.45/~farbmetrik/SE90/SE90.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

CIE data for all optimal colours of maximum (m) C _{AB} , D65 and Y _w =100, Y _m =495_770													
i ₁ , λ ₁	i ₂ , λ ₂	Y ₁₀₀	A ₁₀₀	B ₁₀₀	C _{AB}	a	b	h _{AB}	i _d , λ _d	i _c , λ _c	Code		
0 405	32 561	58.2	-22.74	-17.89	28.94	0.5596	-0.743	218.1	16 483	37 589	Cm		
6 435	32 562	58.79	-26.79	-9.88	28.55	0.4948	-0.6036	200.2	17 486	42 610			
10 450	32 563	59.41	-33.54	4.93	33.9	0.3859	-0.3525	171.6	19 496	-1 496c			
12 460	33 565	60.32	-36.45	12.66	38.58	0.3461	-0.2256	160.8	21 505	-1 505c			
12 465	33 567	61.66	-36.65	13.24	38.97	0.356	-0.2207	160.1	21 506	-1 506c			
14 470	33 569	62.72	-38.14	19.32	42.76	0.3422	-0.1274	153.1	24 520	-1 520c			
15 475	34 573	65.29	-38.28	22.47	44.39	0.364	-0.0913	149.5	25 528	-1 528c	Gm		
16 480	36 580	69.95	-37.48	26.04	45.64	0.4146	-0.0632	145.2	27 537	-1 537c			
17 485	39 595	78.75	-32.73	31.0	45.09	0.5347	-0.0418	136.5	29 548	-1 548c			
18 490	-1 490c	93.8	-12.06	38.4	40.25	0.8218	-0.0261	107.4	33 565	11 459			
19 495	-1 495c	92.3	-10.68	38.39	39.85	0.8346	-0.0195	105.5	33 566	12 462	Ym		
20 500	-1 500c	90.42	-8.91	38.07	39.1	0.8518	-0.0144	103.1	33 567	12 464			
22 510	-1 510c	85.27	-4.15	36.48	36.72	0.9016	-0.0076	96.5	33 569	13 469			
23 520	-1 519c	81.98	-1.26	35.24	35.26	0.935	-0.0056	92.0	34 570	14 471			
25 530	-1 529c	74.04	5.15	32.02	32.43	1.0201	-0.0031	80.8	34 573	15 475			
27 540	-1 539c	64.9	11.57	28.16	30.44	1.1288	-0.0016	67.6	35 577	15 478			
28 545	-1 544c	60.13	14.5	26.11	29.87	1.1917	-0.0012	60.9	35 579	15 479			
29 550	-1 549c	55.26	17.18	24.01	29.53	1.2613	-0.0009	54.4	36 582	16 480			
30 555	-1 554c	50.4	19.49	21.91	29.33	1.3372	-0.0007	48.3	36 584	16 481			
32 560	-1 560c	41.0	22.8	17.83	28.95	1.5064	-0.0005	38.0	37 589	16 483			
32 561	0 405	41.79	22.74	17.89	28.94	1.4947	-0.0072	38.1	37 589	16 483	Rm		
32 562	6 435	41.2	26.79	9.88	28.55	1.6006	-0.1956	20.2	42 610	17 486			
32 563	10 450	40.58	33.54	-4.93	33.9	1.777	-0.557	351.6	-1 496c	19 496			
33 565	12 460	39.67	36.45	-12.66	38.58	1.869	-0.7547	340.8	-1 505c	21 505			
33 567	12 465	38.33	36.65	-13.24	38.97	1.9065	-0.7811	340.1	-1 506c	21 506			
33 569	14 470	37.27	38.14	-19.32	42.76	1.9738	-0.9541	333.1	-1 520c	24 520			
34 573	15 475	34.7	38.28	-22.47	44.39	2.0536	-1.083	329.5	-1 528c	25 528	Mm		
36 580	16 480	30.04	37.48	-26.04	45.64	2.1981	-1.3025	325.2	-1 537c	27 537			
39 595	17 485	21.24	32.73	-31.0	45.09	2.4913	-1.8951	316.5	-1 548c	29 548			
-1 490c	18 490	6.19	12.06	-38.4	40.25	2.899	-6.6372	287.4	11 459	33 565			
-1 495c	19 495	7.69	10.68	-38.39	39.85	2.3392	-5.4245	285.5	12 462	33 566	Bm		
-1 500c	20 500	9.57	8.91	-38.07	39.1	1.8814	-4.4105	283.1	12 464	33 567			
-1 510c	22 510	14.72	4.15	-36.48	36.72	1.2328	-2.9143	276.5	13 469	33 569			
-1 519c	23 520	18.01	1.26	-35.24	35.26	1.0204	-2.3925	272.0	14 471	34 570			
-1 529c	25 530	25.95	-5.15	-32.02	32.43	0.7516	-1.6693	260.8	15 475	34 573			
-1 539c	27 540	35.09	-11.57	-28.16	30.44	0.6205	-1.238	247.6	15 478	35 577			
-1 544c	28 545	39.86	-14.5	-26.11	29.87	0.5865	-1.0906	240.9	15 479	35 579			
-1 549c	29 550	44.73	-17.18	-24.01	29.53	0.5663	-0.9725	234.4	16 480	36 582			
-1 554c	30 555	49.59	-19.49	-21.91	29.33	0.5572	-0.8774	228.3	16 481	36 584			
-1 560c	32 560	58.99	-22.8	-17.83	28.95	0.5638	-0.7379	218.0	16 483	37 589			
380	770	100.0	0.0	0.0	0.01	0.9504	-0.4355	0.0					

TUB-test chart SE90; maximum C_{AB} , $Y_m=495_770$
YABCABh & LabCa'b'h data for illuminant D65, $Y_w=100$

CIE data for all optimal colours of maximum (m) C_{AB} , D65 and $Y_w=100$, $Y_m=495_770$													
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	-32.53	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	125.24	0.1538	-0.0692	164.5	21 505	-1 505c			
12 465	33 567	82.74	-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	128.46	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			
19 495	-1 495c	96.94	-20.63	125.42	127.1	0.2062	-0.0306	99.3	33 566	12 462	Ym		
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			
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			
32 561	0 405	70.73	60.89	110.07	125.79	0.2505	-0.022	61.0	37 589	16 483	Rm		
32 562	6 435	70.32	70.59	34.83	78.71	0.2562	-0.0659	26.2	42 610	17 486			
32 563	10 450	69.88	85.85	-12.65	86.77	0.2653	-0.0935	351.6	-1 496c	19 496			
33 565	12 460	69.24	92.89	-29.54	97.47	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	67.48	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	123.04	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			
-1 495c	19 495	33.36	74.42	-112.09	134.55	0.2908	-0.1997	303.5	12 462	33 566	Bm		
-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			
-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					

see similar files: <http://130.149.60.45/~farbmetrik/SE90/SE90.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

CIE data for all optimal colours of maximum (m) C_{AB} , D50 and $Y_w=100$, $Y_m=495_770$													
i_1, λ_1	i_2, λ_2	Y_{100}	A_{100}	B_{100}	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	32 564	57.81	-26.12	-13.56	29.43	0.5124	-0.5646	207.4	17 486	38 592	Cm		
7 435	33 565	58.18	-29.76	-6.19	30.4	0.4526	-0.4365	191.7	18 490	46 634			
10 450	33 566	58.68	-33.54	2.37	33.63	0.3925	-0.2895	175.9	19 497	-1 497c			
12 460	33 567	59.3	-35.7	8.25	36.64	0.3621	-0.1907	166.9	21 506	-1 506c			
13 465	33 568	59.95	-36.49	10.91	38.09	0.3555	-0.1478	163.3	22 511	-1 511c			
14 470	34 570	61.04	-36.99	13.32	39.32	0.3581	-0.1117	160.1	23 519	-1 519c			
15 475	34 573	62.89	-37.08	15.59	40.23	0.3745	-0.0821	157.2	25 527	-1 527c	Gm		
15 480	35 578	66.91	-36.91	16.91	40.6	0.4125	-0.0772	155.3	26 531	-1 531c			
17 485	37 587	72.24	-34.33	20.9	40.19	0.489	-0.0405	148.6	28 544	-1 544c			
18 490	44 620	88.02	-19.26	26.82	33.02	0.7454	-0.0251	125.6	32 561	-1 561c			
19 495	-1 495c	93.65	-7.19	29.25	30.12	0.8874	-0.0176	103.8	33 568	12 463	Ym		
20 500	-1 500c	91.98	-5.59	29.14	29.67	0.9033	-0.0131	100.8	33 569	13 466			
22 510	-1 510c	87.33	-1.23	28.19	28.22	0.95	-0.0071	92.5	34 571	14 471			
23 520	-1 519c	84.29	1.48	27.36	27.41	0.9818	-0.0053	86.8	34 572	14 473			
25 530	-1 529c	76.8	7.64	25.11	26.25	1.0637	-0.0029	73.0	35 575	15 477			
27 540	-1 539c	68.0	13.94	22.33	26.32	1.1692	-0.0015	58.0	35 579	16 480			
28 545	-1 544c	63.34	16.86	20.82	26.8	1.2304	-0.0011	50.9	36 581	16 481			
29 550	-1 549c	58.55	19.56	19.26	27.45	1.2983	-0.0009	44.5	36 583	16 483			
30 555	-1 554c	53.72	21.93	17.68	28.17	1.3724	-0.0007	38.8	37 585	16 484			
32 560	-1 560c	44.27	25.38	14.58	29.27	1.5375	-0.0005	29.8	38 590	17 486			
32 564	1 405	42.18	26.11	13.56	29.43	1.5834	-0.0084	27.4	38 592	17 486	Rm		
33 565	7 435	41.81	29.76	6.19	30.4	1.6761	-0.1817	11.7	46 634	18 490			
33 566	10 450	41.31	33.54	-2.37	33.63	1.7762	-0.3874	355.9	-1 497c	19 497			
33 567	12 460	40.69	35.7	-8.25	36.64	1.8416	-0.5329	346.9	-1 506c	21 506			
33 568	13 465	40.04	36.49	-10.91	38.09	1.8756	-0.6026	343.3	-1 511c	22 511			
34 570	14 470	38.95	36.99	-13.32	39.32	1.9139	-0.6719	340.1	-1 519c	23 519			
34 573	15 475	37.1	37.08	-15.59	40.23	1.9638	-0.7501	337.2	-1 527c	25 527	Mm		
35 578	15 480	33.08	36.91	-16.91	40.6	2.08	-0.8412	335.3	-1 531c	26 531			
37 587	17 485	27.75	34.32	-20.9	40.19	2.201	-1.0832	328.6	-1 544c	28 544			
44 620	18 490	11.97	19.26	-26.82	33.02	2.572	-2.5696	305.6	-1 561c	32 561			
-1 495c	19 495	6.34	7.19	-29.25	30.12	2.0975	-4.9398	283.8	12 463	33 568	Bm		
-1 500c	20 500	8.01	5.59	-29.14	29.67	1.6629	-3.9666	280.8	13 466	33 569			
-1 510c	22 510	12.66	1.23	-28.19	28.22	1.0617	-2.5572	272.5	14 471	34 571			
-1 519c	23 520	15.7	-1.48	-27.36	27.41	0.8696	-2.073	266.8	14 473	34 572			
-1 529c	25 530	23.19	-7.64	-25.11	26.25	0.6346	-1.4127	253.0	15 477	35 575			
-1 539c	27 540	31.99	-13.94	-22.33	26.32	0.5285	-1.0279	238.0	16 480	35 579			
-1 544c	28 545	36.65	-16.86	-20.82	26.8	0.504	-0.8982	230.9	16 481	36 581			
-1 549c	29 550	41.44	-19.56	-19.26	27.45	0.4922	-0.7949	224.5	16 483	36 583			
-1 554c	30 555	46.27	-21.93	-17.68	28.17	0.4903	-0.7122	218.8	16 484	37 585			
-1 560c	32 560	55.72	-25.38	-14.58	29.27	0.5087	-0.5917	209.8	17 486	38 590			
380	770	100.0	0.0	0.0	0.01	0.9642	-0.3299	0.0					

TUB-test chart SE90; maximum C_{AB} , $Y_m=495_770$
YABCABh & LabCa'b'h data for illuminant D50, $Y_w=100$

CIE data for all optimal colours of maximum (m) C_{AB} , D50 and $Y_w=100$, $Y_m=495_770$													
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	94.42	0.1682	-0.0862	189.9	18 490	46 634			
10 450	33 566	81.12	-108.34	7.14	108.58	0.1604	-0.0752	176.2	19 497	-1 497c			
12 460	33 567	81.46	-116.97	28.06	120.29	0.1561	-0.0654	166.5	21 506	-1 506c			
13 465	33 568	81.82	-119.26	39.57	125.66	0.1552	-0.0601	161.6	22 511	-1 511c			
14 470	34 570	82.4	-119.22	51.38	129.82	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			
19 495	-1 495c	97.49	-13.34	121.9	122.63	0.2105	-0.0295	96.2	33 568	12 463	Ym		
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			
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			
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	70.75	75.66	26.96	80.32	0.2602	-0.0643	19.6	46 634	18 490			
33 566	10 450	70.4	84.09	-8.19	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	-32.77	97.19	0.2702	-0.096	340.2	-1 511c	22 511			
34 570	14 470	68.72	93.74	-39.06	101.56	0.272	-0.0995	337.3	-1 519c	23 519			
34 573	15 475	67.36	96.12	-45.24	106.24	0.2743	-0.1032	334.7	-1 527c	25 527	Mm		
35 578	15 480	64.23	100.99	-50.63	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			
-1 495c	19 495	30.29	58.93	-116.79	130.82	0.2804	-0.1936	296.7	12 463	33 568	Bm		
-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			
-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					

see similar files: <http://130.149.60.45/~farbmetrik/SE90/SE90.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

CIE data for all optimal colours of maximum (m) C _{AB} , P40 and Y _w =100, Y _m =495_770													
i ₁ , λ ₁	i ₂ , λ ₂	Y ₁₀₀	A ₁₀₀	B ₁₀₀	C _{AB}	a	b	h _{AB}	i _d , λ _d	i _c , λ _c	Code		
0 405	33 568	56.58	-28.34	-11.06	30.43	0.5083	-0.4542	201.3	17 488	38 594	Cm		
7 435	33 568	56.85	-31.51	-4.68	31.86	0.455	-0.3411	188.4	18 493	54 674			
10 450	33 569	57.27	-34.31	1.59	34.35	0.4101	-0.2309	177.3	19 499	-1 499c			
12 460	34 570	57.79	-35.88	5.88	36.36	0.3884	-0.1569	170.6	21 507	-1 507c			
13 465	34 571	58.31	-36.41	7.87	37.25	0.3848	-0.1237	167.7	22 512	-1 512c			
14 470	34 572	59.17	-36.74	9.67	37.99	0.3884	-0.0953	165.2	23 519	-1 519c			
14 475	34 574	61.12	-36.91	10.17	38.29	0.4054	-0.0923	164.5	24 522	-1 522c	Gm		
15 480	35 578	63.82	-36.76	12.15	38.72	0.4332	-0.0682	161.6	26 531	-1 531c			
17 485	37 585	68.02	-35.1	15.05	38.19	0.4932	-0.0374	156.7	28 543	-1 543c			
17 490	40 600	79.03	-29.45	17.89	34.46	0.6366	-0.0323	148.7	30 554	-1 554c			
19 495	-1 495c	94.87	-5.18	23.08	23.65	0.9546	-0.0154	102.6	34 571	12 464	Ym		
20 500	-1 500c	93.44	-3.75	23.09	23.39	0.9691	-0.0116	99.2	34 571	13 467			
21 510	-1 509c	91.62	-1.93	22.91	22.99	0.9882	-0.0086	94.8	34 572	13 469			
24 520	-1 520c	83.41	5.7	21.28	22.03	1.0777	-0.0035	74.9	35 575	15 476			
26 530	-1 530c	75.94	11.79	19.5	22.79	1.1646	-0.0019	58.8	35 578	16 480			
27 540	-1 539c	71.77	14.84	18.46	23.69	1.2161	-0.0014	51.1	36 580	16 481			
29 545	-1 545c	62.86	20.55	16.21	26.17	1.3362	-0.0008	38.2	36 584	16 484			
29 550	-1 549c	62.86	20.55	16.21	26.17	1.3362	-0.0008	38.2	36 584	16 484			
31 555	-1 555c	53.5	25.17	13.81	28.71	1.4798	-0.0005	28.7	37 588	17 486			
32 560	-1 560c	48.79	26.89	12.59	29.7	1.5605	-0.0005	25.1	38 591	17 487			
33 568	0 405	43.41	28.34	11.06	30.43	1.6623	-0.0039	21.3	38 594	17 488	Rm		
33 568	7 435	43.14	31.51	4.68	31.86	1.7398	-0.1501	8.4	54 674	18 493			
33 569	10 450	42.72	34.31	-1.59	34.35	1.8125	-0.2959	357.3	-1 499c	19 499			
34 570	12 460	42.2	35.88	-5.88	36.36	1.8594	-0.3982	350.6	-1 507c	21 507			
34 571	13 465	41.68	36.41	-7.87	37.25	1.8827	-0.4476	347.7	-1 512c	22 512			
34 572	14 470	40.82	36.73	-9.67	37.99	1.9092	-0.4956	345.2	-1 519c	23 519			
34 574	14 475	38.87	36.91	-10.17	38.28	1.9588	-0.5204	344.5	-1 522c	24 522	Mm		
35 578	15 480	36.17	36.76	-12.15	38.72	2.0255	-0.5948	341.6	-1 531c	26 531			
37 585	17 485	31.97	35.1	-15.05	38.19	2.107	-0.7294	336.7	-1 543c	28 543			
40 600	17 490	20.96	29.44	-17.89	34.46	2.414	-1.1123	328.7	-1 554c	30 554			
-1 495c	19 495	5.12	5.18	-23.08	23.65	2.0215	-4.7666	282.6	12 464	34 571	Bm		
-1 500c	20 500	6.55	3.75	-23.09	23.39	1.5816	-3.7821	279.2	13 467	34 571			
-1 509c	21 510	8.37	1.93	-22.91	22.99	1.2401	-2.9941	274.8	13 469	34 572			
-1 520c	24 520	16.58	-5.7	-21.28	22.03	0.665	-1.5424	254.9	15 476	35 575			
-1 530c	26 530	24.05	-11.79	-19.5	22.79	0.5189	-1.0695	238.8	16 480	35 578			
-1 539c	27 540	28.22	-14.84	-18.46	23.69	0.4831	-0.9131	231.1	16 481	36 580			
-1 545c	29 545	37.13	-20.55	-16.21	26.17	0.4558	-0.6953	218.2	16 484	36 584			
-1 549c	29 550	37.13	-20.55	-16.21	26.17	0.4558	-0.6953	218.2	16 484	36 584			
-1 555c	31 555	46.49	-25.17	-13.81	28.71	0.4677	-0.5558	208.7	17 486	37 588			
-1 560c	32 560	51.2	-26.89	-12.59	29.7	0.484	-0.5047	205.1	17 487	38 591			
380	770	100.0	0.0	0.0	0.01	1.0093	-0.2587	0.0					

TUB-test chart SE90; maximum C_{AB} , $Y_m=495_770$
YABCABh & LabCa'b'h data for illuminant P40, $Y_w=100$

CIE data for all optimal colours of maximum (m) C_{AB} , P40 and $Y_w=100$, $Y_m=495_770$													
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	80.63	-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	120.41	0.1593	-0.0566	162.3	22 512	-1 512c			
14 470	34 572	81.39	-114.41	47.53	123.89	0.1598	-0.0519	157.4	23 519	-1 519c			
14 475	34 574	82.45	-111.22	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			
19 495	-1 495c	97.98	-9.02	119.65	119.99	0.2157	-0.0283	94.3	34 571	12 464	Ym		
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			
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			
33 568	0 405	71.84	68.49	117.18	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	81.43	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	-29.94	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	93.09	-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			
-1 495c	19 495	27.1	48.32	-121.83	131.07	0.277	-0.1913	291.6	12 464	34 571	Bm		
-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			
-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					

see similar files: <http://130.149.60.45/~farbmetrik/SE90/SE90.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

CIE data for all optimal colours of maximum (m) C_{AB} , A00 and $Y_w=100$, $Y_m=495_770$													
i_1, λ_1	i_2, λ_2	Y_{100}	A_{100}	B_{100}	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	34 574	54.67	-32.45	-6.33	33.06	0.5048	-0.2581	191.0	18 494	39 599	Cm		
6 435	34 574	54.85	-33.42	-4.41	33.71	0.4891	-0.2227	187.5	19 496	42 611			
9 450	34 574	55.12	-34.79	-1.48	34.82	0.4673	-0.1692	182.4	20 501	-1 501c			
12 460	35 575	55.33	-36.07	1.97	36.12	0.4465	-0.1066	176.8	21 508	-1 508c			
13 465	35 575	55.6	-36.34	3.09	36.47	0.4448	-0.0866	175.1	22 512	-1 512c			
13 470	35 576	56.26	-36.37	3.18	36.51	0.452	-0.0856	174.9	22 513	-1 513c			
14 475	35 577	57.11	-36.53	4.26	36.78	0.4587	-0.0677	173.3	23 519	-1 519c	Gm		
16 480	35 579	58.19	-36.35	5.87	36.82	0.4738	-0.0414	170.8	26 532	-1 532c			
17 485	36 582	60.55	-35.75	6.72	36.38	0.5079	-0.0312	169.3	28 540	-1 540c			
18 490	37 588	64.98	-34.21	7.77	35.08	0.572	-0.0226	167.1	29 548	-1 548c			
19 495	40 601	74.48	-28.33	9.45	29.86	0.718	-0.0153	161.5	31 559	-1 559c	Ym		
20 500	-1 500c	95.67	-0.63	12.74	12.76	1.0918	-0.0091	92.8	35 576	13 469			
21 510	-1 509c	94.31	0.84	12.77	12.8	1.1074	-0.0069	86.2	35 576	14 472			
24 520	-1 520c	87.81	7.47	12.23	14.33	1.1836	-0.003	58.5	35 579	16 480			
26 530	-1 530c	81.5	13.16	11.46	17.45	1.26	-0.0017	41.0	36 582	16 484			
28 540	-1 540c	73.92	19.16	10.44	21.82	1.3576	-0.001	28.6	37 585	17 487			
28 545	-1 544c	73.92	19.16	10.44	21.82	1.3576	-0.001	28.6	37 585	17 487			
29 550	-1 549c	69.75	22.06	9.87	24.17	1.4148	-0.0007	24.1	37 586	17 489			
31 555	-1 555c	60.83	27.26	8.62	28.59	1.5466	-0.0005	17.5	38 590	18 491			
32 560	-1 560c	56.18	29.36	7.96	30.43	1.6212	-0.0004	15.1	38 593	18 492			
34 574	1 405	45.32	32.45	6.33	33.06	1.8145	-0.0026	11.0	39 599	18 494	Rm		
34 574	6 435	45.14	33.42	4.41	33.71	1.8389	-0.0445	7.5	42 611	19 496			
34 574	9 450	44.87	34.79	1.48	34.82	1.8738	-0.1092	2.4	-1 501c	20 501			
35 575	12 460	44.66	36.07	-1.97	36.12	1.906	-0.1865	356.8	-1 508c	21 508			
35 575	13 465	44.39	36.34	-3.09	36.47	1.9171	-0.212	355.1	-1 512c	22 512			
35 576	13 470	43.73	36.37	-3.18	36.51	1.9302	-0.2152	354.9	-1 513c	22 513			
35 577	14 475	42.88	36.53	-4.26	36.78	1.9503	-0.2416	353.3	-1 519c	23 519	Mm		
35 579	16 480	41.8	36.35	-5.87	36.82	1.9681	-0.2827	350.8	-1 532c	26 532			
36 582	17 485	39.44	35.75	-6.72	36.38	2.005	-0.3129	349.3	-1 540c	28 540			
37 588	18 490	35.01	34.21	-7.77	35.08	2.0756	-0.3644	347.1	-1 548c	29 548			
40 601	19 495	25.51	28.33	-9.45	29.86	2.2087	-0.5129	341.5	-1 559c	31 559	Bm		
-1 500c	20 500	4.32	0.63	-12.74	12.76	1.2447	-3.0904	272.8	13 469	35 576			
-1 509c	21 510	5.68	-0.84	-12.77	12.8	0.9493	-2.3881	266.2	14 472	35 576			
-1 520c	24 520	12.18	-7.47	-12.23	14.33	0.485	-1.146	238.5	16 480	35 579			
-1 530c	26 530	18.49	-13.16	-11.46	17.45	0.3863	-0.7621	221.0	16 484	36 582			
-1 540c	28 540	26.07	-19.16	-10.44	21.82	0.3634	-0.543	208.6	17 487	37 585			
-1 544c	28 545	26.07	-19.16	-10.44	21.82	0.3634	-0.543	208.6	17 487	37 585			
-1 549c	29 550	30.24	-22.06	-9.87	24.17	0.3688	-0.4687	204.1	17 489	37 586			
-1 555c	31 555	39.16	-27.26	-8.62	28.59	0.4022	-0.3625	197.5	18 491	38 590			
-1 560c	32 560	43.81	-29.37	-7.96	30.43	0.4281	-0.3242	195.1	18 492	38 593			
380	770	99.99	0.0	0.0	0.01	1.0984	-0.1423	0.0					

TUB-test chart SE90; maximum C_{AB} , $Y_m=495_770$
YABCABh & LabCa'b'h data for illuminant A00, $Y_w=100$

CIE data for all optimal colours of maximum (m) C_{AB} , A00 and $Y_w=100$, $Y_m=495_770$													
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	-93.32	-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	79.11	-101.61	-9.74	102.07	0.17	-0.0628	185.4	20 501	-1 501c			
12 460	35 575	79.23	-106.37	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	117.06	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			
19 495	40 601	89.15	-59.87	94.98	112.27	0.1962	-0.0282	122.2	31 559	-1 559c	Ym		
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			
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			
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	72.49	77.79	-21.68	80.76	0.2721	-0.0677	344.4	-1 512c	22 512			
35 576	13 470	72.05	78.44	-22.44	81.59	0.2728	-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	88.95	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			
40 601	19 495	57.58	83.12	-67.63	107.16	0.2853	-0.091	320.8	-1 559c	31 559	Bm		
-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			
-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					

see similar files: <http://130.149.60.45/~farbmetrik/SE90/SE90.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

CIE data for all optimal colours of maximum (m) C_{AB} , E00 and $Y_w=100$, $Y_m=495_770$													
i_1, λ_1	i_2, λ_2	Y_{100}	A_{100}	B_{100}	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	32 564	57.42	-24.95	-16.34	29.83	0.5653	-0.6846	213.2	16 484	38 592	Cm		
6 435	33 565	57.91	-29.14	-7.99	30.22	0.4967	-0.538	195.3	17 488	45 627			
10 450	33 566	58.44	-35.13	5.29	35.53	0.3988	-0.3094	171.4	19 498	-1 498c			
12 460	33 568	59.28	-37.54	11.81	39.35	0.3666	-0.2007	162.5	21 507	-1 507c			
13 465	33 569	60.14	-38.45	14.78	41.19	0.3606	-0.1541	158.9	22 514	-1 514c			
14 470	34 571	61.52	-38.94	17.52	42.7	0.367	-0.1152	155.7	24 522	-1 522c			
14 475	35 575	64.53	-39.14	18.72	43.38	0.3934	-0.1099	154.4	25 525	-1 525c	Gm		
16 480	36 581	68.21	-38.3	23.26	44.81	0.4385	-0.0589	148.7	27 538	-1 538c			
17 485	39 595	76.7	-34.16	27.66	43.96	0.5546	-0.0393	140.9	29 549	-1 549c			
18 490	-1 490c	94.54	-11.19	35.56	37.28	0.8815	-0.0238	107.4	33 568	11 459			
19 495	-1 495c	93.18	-9.88	35.6	36.94	0.8939	-0.0179	105.5	33 568	12 461	Ym		
19 500	-1 499c	93.18	-9.88	35.6	36.94	0.8939	-0.0179	105.5	33 568	12 461			
22 510	-1 510c	86.74	-3.57	34.08	34.26	0.9587	-0.0071	95.9	34 571	13 469			
24 520	-1 520c	80.14	2.4	31.74	31.83	1.0299	-0.0038	85.6	34 574	14 473			
26 530	-1 530c	72.11	8.87	28.69	30.03	1.123	-0.0021	72.8	35 577	15 477			
28 540	-1 540c	63.21	15.04	25.21	29.35	1.2379	-0.0011	59.1	36 581	15 479			
29 545	-1 545c	58.59	17.8	23.38	29.39	1.3039	-0.0009	52.7	36 583	16 480			
29 550	-1 549c	58.59	17.8	23.38	29.39	1.3039	-0.0009	52.7	36 583	16 480			
30 555	-1 554c	53.92	20.26	21.53	29.56	1.3757	-0.0007	46.7	37 585	16 482			
32 560	-1 560c	44.64	23.98	17.83	29.88	1.5372	-0.0005	36.6	38 590	16 483			
32 564	1 405	42.57	24.95	16.34	29.83	1.5862	-0.0161	33.2	38 592	16 484	Rm		
33 565	6 435	42.08	29.14	7.99	30.22	1.6926	-0.21	15.3	45 627	17 488			
33 566	10 450	41.55	35.13	-5.29	35.53	1.8456	-0.5273	351.4	-1 498c	19 498			
33 568	12 460	40.71	37.54	-11.81	39.35	1.9221	-0.6901	342.5	-1 507c	21 507			
33 569	13 465	39.85	38.45	-14.78	41.19	1.9647	-0.771	338.9	-1 514c	22 514			
34 571	14 470	38.47	38.94	-17.52	42.7	2.0122	-0.8553	335.7	-1 522c	24 522			
35 575	14 475	35.46	39.14	-18.72	43.38	2.1036	-0.9278	334.4	-1 525c	25 525	Mm		
36 581	16 480	31.78	38.3	-23.26	44.81	2.2051	-1.132	328.7	-1 538c	27 538			
39 595	17 485	23.29	34.16	-27.66	43.96	2.4665	-1.5876	320.9	-1 549c	29 549			
-1 490c	18 490	5.45	11.19	-35.56	37.28	3.0513	-6.9152	287.4	11 459	33 568			
-1 495c	19 495	6.81	9.88	-35.6	36.94	2.4491	-5.6211	285.5	12 461	33 568	Bm		
-1 499c	19 500	6.81	9.88	-35.6	36.94	2.4491	-5.6211	285.5	12 461	33 568			
-1 510c	22 510	13.25	3.57	-34.08	34.26	1.2699	-2.9707	275.9	13 469	34 571			
-1 520c	24 520	19.85	-2.4	-31.74	31.83	0.879	-1.9985	265.6	14 473	34 574			
-1 530c	26 530	27.88	-8.87	-28.69	30.03	0.6818	-1.4288	252.8	15 477	35 577			
-1 540c	28 540	36.78	-15.04	-25.21	29.35	0.591	-1.0854	239.1	15 479	36 581			
-1 545c	29 545	41.4	-17.8	-23.38	29.39	0.5699	-0.9647	232.7	16 480	36 583			
-1 549c	29 550	41.4	-17.8	-23.38	29.39	0.5699	-0.9647	232.7	16 480	36 583			
-1 554c	30 555	46.07	-20.26	-21.53	29.56	0.5601	-0.8673	226.7	16 482	37 585			
-1 560c	32 560	55.35	-23.98	-17.83	29.88	0.5668	-0.7221	216.6	16 483	38 590			
380	770	100.0	0.0	0.0	0.01	1.0	-0.4	0.0					

TUB-test chart SE90; maximum C_{AB} , $Y_m=495_770$
YABCABh & LabCa'b'h data for illuminant E00, $Y_w=100$

CIE data for all optimal colours of maximum (m) C_{AB} , E00 and $Y_w=100$, $Y_m=495_770$													
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	78.98	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	-110.31	13.7	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	-120.76	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	86.12	-105.73	83.03	134.43	0.1664	-0.0442	141.8	27 538	-1 538c			
17 485	39 595	90.19	-81.63	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			
19 495	-1 495c	97.3	-17.91	125.92	127.19	0.211	-0.0297	98.0	33 568	12 461	Ym		
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			
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			
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	85.76	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	104.25	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			
-1 495c	19 495	31.41	71.03	-115.43	135.53	0.2953	-0.2021	301.6	12 461	33 568	Bm		
-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			
-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					

see similar files: <http://130.149.60.45/~farbmetrik/SE90/SE90.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

CIE data for all optimal colours of maximum (m) C_{AB} , C00 and $Y_w=100$, $Y_m=495_770$													
i_1, λ_1	i_2, λ_2	Y_{100}	A_{100}	B_{100}	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	32 562	57.68	-22.06	-19.53	29.46	0.5982	-0.8115	221.5	16 482	37 589	Cm		
6 435	32 563	58.35	-26.63	-10.46	28.61	0.5242	-0.6521	201.4	17 486	42 612			
10 450	32 564	59.09	-34.15	5.95	34.66	0.4027	-0.3721	170.1	19 496	-1 496c			
11 460	33 566	60.53	-35.97	10.59	37.5	0.3865	-0.2979	163.5	20 501	-1 501c			
13 465	33 568	61.21	-38.26	17.87	42.23	0.3556	-0.1808	154.9	22 513	-1 513c			
14 470	34 570	62.96	-39.0	21.41	44.49	0.3611	-0.1328	151.2	24 522	-1 522c			
15 475	35 575	65.92	-39.2	24.97	46.47	0.3861	-0.0941	147.4	26 530	-1 530c	Gm		
16 480	36 582	71.08	-38.02	29.06	47.86	0.4457	-0.064	142.6	28 540	-1 540c			
16 485	40 602	82.56	-32.13	34.48	47.13	0.5915	-0.0552	132.9	30 551	-1 551c			
18 490	-1 490c	93.33	-13.13	41.73	43.75	0.8399	-0.0257	107.4	33 566	11 459			
19 495	-1 495c	91.77	-11.66	41.66	43.26	0.8536	-0.0188	105.6	33 567	12 462	Ym		
19 500	-1 499c	91.77	-11.66	41.66	43.26	0.8536	-0.0188	105.6	33 567	12 462			
21 510	-1 509c	87.66	-7.68	40.59	41.31	0.893	-0.0098	100.7	33 568	13 466			
24 520	-1 520c	78.6	0.51	36.85	36.86	0.9872	-0.0039	89.2	34 572	14 472			
26 530	-1 530c	70.68	6.73	33.27	33.94	1.076	-0.0021	78.5	35 575	15 475			
28 540	-1 540c	61.57	12.87	29.04	31.76	1.1898	-0.0012	66.0	35 579	15 478			
28 545	-1 544c	61.57	12.87	29.04	31.76	1.1898	-0.0012	66.0	35 579	15 478			
29 550	-1 549c	56.72	15.68	26.77	31.02	1.2572	-0.0009	59.6	36 581	15 479			
31 555	-1 555c	46.84	20.29	22.12	30.01	1.4138	-0.0006	47.4	37 586	16 481			
31 560	-1 559c	46.84	20.29	22.12	30.01	1.4138	-0.0006	47.4	37 586	16 481			
32 562	1 405	42.31	22.06	19.53	29.46	1.502	-0.0112	41.5	37 589	16 482	Rm		
32 563	6 435	41.64	26.63	10.46	28.61	1.6203	-0.2217	21.4	42 612	17 486			
32 564	10 450	40.9	34.15	-5.95	34.66	1.8156	-0.6185	350.1	-1 496c	19 496			
33 566	11 460	39.46	35.97	-10.59	37.49	1.8923	-0.7413	343.5	-1 501c	20 501			
33 568	13 465	38.78	38.26	-17.87	42.23	1.9672	-0.9337	334.9	-1 513c	22 513			
34 570	14 470	37.03	39.0	-21.41	44.49	2.0339	-1.051	331.2	-1 522c	24 522			
35 575	15 475	34.07	39.2	-24.97	46.47	2.1312	-1.2058	327.4	-1 530c	26 530	Mm		
36 582	16 480	28.91	38.02	-29.06	47.86	2.2957	-1.4779	322.6	-1 540c	28 540			
40 602	16 485	17.43	32.13	-34.48	47.13	2.8233	-2.4505	312.9	-1 551c	30 551			
-1 490c	18 490	6.66	13.13	-41.73	43.74	2.9514	-6.7332	287.4	11 459	33 566			
-1 495c	19 495	8.22	11.65	-41.66	43.26	2.3981	-5.5382	285.6	12 462	33 567	Bm		
-1 499c	19 500	8.22	11.65	-41.66	43.26	2.3981	-5.5382	285.6	12 462	33 567			
-1 509c	21 510	12.33	7.68	-40.59	41.31	1.6036	-3.7648	280.7	13 466	33 568			
-1 520c	24 520	21.39	-0.51	-36.85	36.86	0.9567	-2.1957	269.2	14 472	34 572			
-1 530c	26 530	29.31	-6.73	-33.27	33.94	0.7508	-1.608	258.5	15 475	35 575			
-1 540c	28 540	38.42	-12.87	-29.04	31.76	0.6456	-1.2287	246.0	15 478	35 579			
-1 544c	28 545	38.42	-12.87	-29.04	31.76	0.6456	-1.2287	246.0	15 478	35 579			
-1 549c	29 550	43.27	-15.68	-26.77	31.02	0.6183	-1.0915	239.6	15 479	36 581			
-1 555c	31 555	53.15	-20.29	-22.12	30.01	0.5989	-0.889	227.4	16 481	37 586			
-1 559c	31 560	53.15	-20.29	-22.12	30.01	0.5989	-0.889	227.4	16 481	37 586			
380	770	100.0	0.0	0.0	0.01	0.9807	-0.4729	0.0					

TUB-test chart SE90; maximum C_{AB} , $Y_m=495_770$
YABCABh & LabCa'b'h data for illuminant C00, $Y_w=100$

CIE data for all optimal colours of maximum (m) C_{AB} , C00 and $Y_w=100$, $Y_m=495_770$													
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	-121.77	46.54	130.36	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	87.53	-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			
19 495	-1 495c	96.73	-21.95	127.88	129.75	0.2078	-0.0302	99.7	33 567	12 462	Ym		
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			
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			
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	26.1	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	95.22	-37.12	102.2	0.2745	-0.1111	338.6	-1 513c	22 513			
34 570	14 470	67.31	98.82	-43.8	108.09	0.2776	-0.1155	336.0	-1 522c	24 522			
35 575	15 475	65.02	103.1	-51.14	115.09	0.2819	-0.121	333.6	-1 530c	26 530	Mm		
36 582	16 480	60.71	108.36	-61.1	124.4	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			
-1 495c	19 495	34.46	75.47	-110.51	133.82	0.2932	-0.2011	304.3	12 462	33 567	Bm		
-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			

see similar files: <http://130.149.60.45/~farbmetrik/SE90/SE90.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

CIE data for all optimal colours of maximum (m) C_{AB} , P00 and $Y_w=100$, $Y_m=495_770$													
i_1, λ_1	i_2, λ_2	Y_{100}	A_{100}	B_{100}	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	33 567	56.81	-27.23	-13.5	30.39	0.5413	-0.5619	206.3	17 486	38 594	Cm		
7 435	33 567	57.13	-31.57	-4.72	31.93	0.4679	-0.407	188.5	18 491	-1 491c			
10 450	33 568	57.64	-35.18	3.35	35.34	0.4103	-0.2659	174.5	19 499	-1 499c			
12 460	34 570	58.3	-37.15	8.65	38.14	0.3834	-0.1758	166.8	21 507	-1 507c			
13 465	34 571	58.95	-37.79	11.05	39.37	0.3796	-0.1366	163.6	22 513	-1 513c			
13 470	34 572	60.46	-37.94	11.54	39.66	0.3931	-0.1332	163.0	23 515	-1 515c			
15 475	35 575	61.97	-38.31	15.35	41.28	0.4024	-0.0765	158.1	25 529	-1 529c	Gm		
16 480	36 580	65.35	-37.8	17.59	41.69	0.4422	-0.055	155.0	27 537	-1 537c			
17 485	37 589	71.71	-35.37	20.53	40.9	0.5273	-0.0379	149.8	29 547	-1 547c			
18 490	45 625	88.93	-18.56	26.78	32.58	0.8119	-0.023	124.7	32 564	-1 564c			
18 495	-1 494c	95.36	-8.56	28.86	30.11	0.9308	-0.0215	106.5	34 570	12 460	Ym		
20 500	-1 500c	92.62	-5.82	28.9	29.48	0.9577	-0.0121	101.3	34 571	13 465			
22 510	-1 510c	88.31	-1.53	28.05	28.09	1.0033	-0.0066	93.1	34 573	14 470			
24 520	-1 520c	82.18	4.14	26.34	26.67	1.0711	-0.0036	81.0	35 575	14 474			
25 530	-1 529c	78.53	7.26	25.25	26.27	1.1131	-0.0027	73.9	35 577	15 476			
28 540	-1 540c	66.0	16.54	21.32	26.99	1.2713	-0.0011	52.1	36 582	16 481			
28 545	-1 544c	66.0	16.54	21.32	26.99	1.2713	-0.0011	52.1	36 582	16 481			
30 550	-1 550c	56.88	21.86	18.4	28.57	1.4049	-0.0007	40.0	37 586	16 483			
30 555	-1 554c	56.88	21.86	18.4	28.57	1.4049	-0.0007	40.0	37 586	16 483			
32 560	-1 560c	47.6	25.76	15.41	30.02	1.5618	-0.0005	30.8	38 591	17 485			
33 567	1 405	43.18	27.23	13.5	30.39	1.6513	-0.0115	26.3	38 594	17 486	Rm		
33 567	7 435	42.86	31.57	4.72	31.93	1.7574	-0.2139	8.5	-1 491c	18 491			
33 568	10 450	42.35	35.18	-3.35	35.34	1.8513	-0.4035	354.5	-1 499c	19 499			
34 570	12 460	41.69	37.15	-8.65	38.14	1.9116	-0.5317	346.8	-1 507c	21 507			
34 571	13 465	41.04	37.79	-11.05	39.37	1.9414	-0.5937	343.6	-1 513c	22 513			
34 572	13 470	39.53	37.94	-11.54	39.66	1.9803	-0.6163	343.0	-1 515c	23 515			
35 575	15 475	38.02	38.31	-15.35	41.28	2.0285	-0.728	338.1	-1 529c	25 529	Mm		
36 580	16 480	34.64	37.8	-17.59	41.69	2.1119	-0.8322	335.0	-1 537c	27 537			
37 589	17 485	28.28	35.37	-20.53	40.9	2.2712	-1.05	329.8	-1 547c	29 547			
45 625	18 490	11.06	18.56	-26.78	32.58	2.6987	-2.7452	304.7	-1 564c	32 564			
-1 494c	18 495	4.63	8.56	-28.86	30.11	2.8709	-6.5585	286.5	12 460	34 570	Bm		
-1 500c	20 500	7.37	5.82	-28.9	29.48	1.8106	-4.2445	281.3	13 465	34 571			
-1 510c	22 510	11.68	1.53	-28.05	28.09	1.1518	-2.7253	273.1	14 470	34 573			
-1 520c	24 520	17.81	-4.14	-26.34	26.67	0.7878	-1.8032	261.0	14 474	35 575			
-1 529c	25 530	21.46	-7.26	-25.25	26.27	0.6822	-1.5008	253.9	15 476	35 577			
-1 540c	28 540	33.99	-16.54	-21.32	26.99	0.5338	-0.9517	232.1	16 481	36 582			
-1 544c	28 545	33.99	-16.54	-21.32	26.99	0.5338	-0.9517	232.1	16 481	36 582			
-1 550c	30 550	43.11	-21.86	-18.4	28.57	0.5135	-0.7511	220.0	16 483	37 586			
-1 554c	30 555	43.11	-21.86	-18.4	28.57	0.5135	-0.7511	220.0	16 483	37 586			
-1 560c	32 560	52.39	-25.76	-15.41	30.02	0.5288	-0.6183	210.8	17 485	38 591			
380	770	100.0	0.0	0.0	0.01	1.0206	-0.3242	0.0					

TUB-test chart SE90; maximum C_{AB} , $Y_m=495_770$
YABCABh & LabCa'b'h data for illuminant P00, $Y_w=100$

CIE data for all optimal colours of maximum (m) C_{AB} , P00 and $Y_w=100$, $Y_m=495_770$													
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	-94.95	-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	-88.41	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	0.2043	-0.0323	107.4	32 564	-1 564c			
18 495	-1 494c	98.18	-14.88	117.1	118.05	0.2139	-0.0316	97.2	34 570	12 460	Ym		
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			
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			
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	74.84	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	-33.19	94.8	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	93.18	-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			
-1 494c	18 495	25.68	73.84	-123.82	144.16	0.3113	-0.2127	300.8	12 460	34 570	Bm		
-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			
-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					

see similar files: <http://130.149.60.45/~farbmetrik/SE90/SE90.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

CIE data for all optimal colours of maximum (m) C_{AB} , Q00 and $Y_w=100$, $Y_m=495_770$													
i_1, λ_1	i_2, λ_2	Y_{100}	A_{100}	B_{100}	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	32 562	57.89	-22.38	-19.16	29.46	0.5925	-0.8068	220.5	16 482	38 590	Cm		
7 435	32 562	58.38	-29.44	-4.98	29.86	0.475	-0.5611	189.5	17 488	-1 488c			
10 450	32 564	59.19	-34.99	7.32	35.75	0.3881	-0.3521	168.1	19 497	-1 497c			
11 460	33 566	60.58	-36.74	11.76	38.58	0.3728	-0.2816	162.2	20 502	-1 502c			
12 465	33 568	61.7	-38.14	15.8	41.28	0.3611	-0.2196	157.4	21 508	-1 508c			
14 470	34 570	62.97	-39.63	22.0	45.32	0.3499	-0.1264	150.9	24 522	-1 522c			
15 475	35 575	65.9	-39.82	25.39	47.22	0.3751	-0.0905	147.4	26 530	-1 530c	Gm		
16 480	36 582	71.11	-38.67	29.38	48.57	0.4354	-0.0625	142.7	27 539	-1 539c			
17 485	40 602	81.95	-31.75	35.68	47.76	0.5918	-0.0404	131.6	30 552	-1 552c			
17 490	-1 489c	94.93	-14.93	41.85	44.44	0.8219	-0.0349	109.6	33 565	11 455			
18 495	-1 494c	93.71	-13.86	42.13	44.35	0.8314	-0.0262	108.2	33 565	11 458	Ym		
20 500	-1 500c	90.31	-10.6	41.67	42.99	0.8619	-0.0144	104.2	33 567	12 463			
21 510	-1 509c	87.98	-8.35	40.94	41.78	0.8843	-0.0105	101.5	33 568	13 465			
23 520	-1 519c	81.84	-2.67	38.48	38.57	0.9466	-0.0056	93.9	34 571	14 470			
26 530	-1 530c	69.63	7.21	32.97	33.76	1.0829	-0.0022	77.6	35 576	15 475			
27 540	-1 539c	65.08	10.41	30.86	32.57	1.1393	-0.0016	71.3	35 578	15 477			
28 545	-1 544c	60.41	13.41	28.67	31.66	1.2014	-0.0012	64.9	36 580	15 478			
29 550	-1 549c	55.69	16.15	26.44	30.98	1.2693	-0.0009	58.5	36 582	15 479			
30 555	-1 554c	50.96	18.54	24.21	30.49	1.3431	-0.0007	52.5	36 584	16 480			
31 560	-1 559c	46.27	20.53	21.98	30.08	1.4231	-0.0006	46.9	37 587	16 481			
32 562	1 405	42.1	22.38	19.16	29.46	1.511	-0.0207	40.5	38 590	16 482	Rm		
32 562	7 435	41.61	29.44	4.98	29.86	1.6868	-0.3561	9.5	-1 488c	17 488			
32 564	10 450	40.8	34.99	-7.32	35.75	1.8369	-0.6552	348.1	-1 497c	19 497			
33 566	11 460	39.41	36.74	-11.76	38.58	1.9117	-0.7742	342.2	-1 502c	20 502			
33 568	12 465	38.29	38.14	-15.8	41.28	1.9752	-0.8885	337.4	-1 508c	21 508			
34 570	14 470	37.02	39.63	-22.0	45.32	2.0496	-1.07	330.9	-1 522c	24 522			
35 575	15 475	34.09	39.82	-25.39	47.22	2.1473	-1.2205	327.4	-1 530c	26 530	Mm		
36 582	16 480	28.88	38.67	-29.38	48.57	2.318	-1.493	322.7	-1 539c	27 539			
40 602	17 485	18.04	31.75	-35.68	47.76	2.739	-2.4531	311.6	-1 552c	30 552			
-1 489c	17 490	5.06	14.93	-41.85	44.44	3.9292	-8.7425	289.6	11 455	33 565			
-1 494c	18 495	6.28	13.86	-42.13	44.35	3.1842	-7.1782	288.2	11 458	33 565	Bm		
-1 500c	20 500	9.68	10.6	-41.66	42.99	2.0746	-4.7793	284.2	12 463	33 567			
-1 509c	21 510	12.01	8.35	-40.94	41.78	1.6748	-3.8842	281.5	13 465	33 568			
-1 519c	23 520	18.15	2.67	-38.48	38.57	1.1265	-2.5962	273.9	14 470	34 571			
-1 530c	26 530	30.36	-7.21	-32.97	33.76	0.7416	-1.562	257.6	15 475	35 576			
-1 539c	27 540	34.91	-10.41	-30.86	32.57	0.6809	-1.3598	251.3	15 477	35 578			
-1 544c	28 545	39.58	-13.41	-28.67	31.66	0.6402	-1.2003	244.9	15 478	36 580			
-1 549c	29 550	44.3	-16.15	-26.44	30.98	0.6148	-1.0727	238.5	15 479	36 582			
-1 554c	30 555	49.03	-18.54	-24.21	30.49	0.6011	-0.9695	232.5	16 480	36 584			
-1 559c	31 560	53.72	-20.53	-21.98	30.08	0.5971	-0.885	226.9	16 481	37 587			
380	770	100.0	0.0	0.0	0.01	0.9793	-0.4758	0.0					

TUB-test chart SE90; maximum C_{AB} , $Y_m=495_770$
YABCABh & LabCa'b'h data for illuminant Q00, $Y_w=100$

CIE data for all optimal colours of maximum (m) C_{AB} , Q00 and $Y_w=100$, $Y_m=495_770$													
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	38.67	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			
18 495	-1 494c	97.52	-25.98	121.21	123.96	0.206	-0.0337	102.1	33 565	11 458	Ym		
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			
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			
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	74.17	13.74	75.43	0.2608	-0.0805	10.4	-1 488c	17 488			
32 564	10 450	70.04	86.49	-16.69	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	-33.61	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	109.95	-61.33	125.9	0.2899	-0.1299	330.8	-1 539c	27 539			
40 602	17 485	49.56	115.52	-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			
-1 494c	18 495	30.14	95.66	-116.93	151.08	0.3223	-0.2192	309.2	11 458	33 565	Bm		
-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			
-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					

see similar files: <http://130.149.60.45/~farbmetrik/SE90/SE90.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

CIE data for all optimal colours of maximum (m) C_{AB} , D65 and $Y_{w,10}=100$, $Y_m=495_770$												
i_1, λ_1	i_2, λ_2	Y_{100}	A_{100}	B_{100}	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code	
-1 549c	29 549	46.51	-17.57	-23.24	29.14	0.6646	-0.9354	232.9	15 479	36 581	Cm	
7 435	32 560	56.65	-28.5	-7.6	29.49	0.5396	-0.5698	194.9	17 487	-1 487c		
10 450	32 562	57.7	-34.27	4.18	34.53	0.4486	-0.363	173.0	19 495	-1 495c		
11 460	32 564	59.63	-36.27	8.82	37.33	0.4343	-0.2876	166.3	20 500	-1 500c		
12 465	33 566	60.83	-37.67	12.88	39.82	0.4233	-0.2237	161.1	21 506	-1 506c		
13 470	33 569	63.16	-38.77	16.97	42.32	0.4288	-0.1667	156.3	22 514	-1 514c		
15 475	34 574	66.05	-39.02	22.8	45.19	0.4518	-0.0903	149.6	25 529	-1 529c	Gm	
16 480	36 582	71.2	-37.59	26.59	46.04	0.5146	-0.0621	144.7	27 538	-1 538c		
16 485	40 601	82.71	-31.35	31.59	44.51	0.6635	-0.0535	134.7	0 400	1 407		
18 490	-1 490c	93.8	-13.27	38.4	40.63	0.9011	-0.0261	109.0	32 563	11 457		
18 495	-1 494c	93.8	-13.27	38.4	40.63	0.9011	-0.0261	109.0	32 563	11 457	Ym	
20 500	-1 500c	90.42	-9.81	38.07	39.32	0.934	-0.0144	104.4	33 565	12 462		
22 510	-1 510c	85.27	-4.86	36.48	36.81	0.9855	-0.0076	97.5	33 567	13 467		
24 520	-1 520c	78.23	1.28	33.74	33.77	1.059	-0.0042	87.8	34 570	14 471		
26 530	-1 530c	69.55	7.92	30.13	31.16	1.1566	-0.0022	75.2	34 574	15 475		
27 540	-1 539c	64.9	11.08	28.16	30.26	1.2134	-0.0016	68.5	35 576	15 476		
28 545	-1 544c	60.13	14.01	26.11	29.64	1.2757	-0.0012	61.7	35 578	15 478		
0 400	1 407	0.0	0.28	-0.28	0.4	67.7909	-67.1074	815.0	1 406	0 401		
30 555	3 415	50.42	20.24	20.47	28.79	1.4441	-0.0294	45.3	36 584	16 481		
31 560	5 428	45.74	24.94	13.85	28.53	1.5879	-0.1326	29.0	39 596	16 484		
29 549	-1 549c	53.48	17.57	23.24	29.14	1.3712	-0.0009	52.9	36 581	15 479	Rm	
32 560	7 435	43.34	28.5	7.6	29.49	1.7002	-0.26	14.9	-1 487c	17 487		
32 562	10 450	42.29	34.27	-4.18	34.53	1.853	-0.5345	353.0	-1 495c	19 495		
32 564	11 460	40.36	36.27	-8.82	37.33	1.9411	-0.654	346.3	-1 500c	20 500		
33 566	12 465	39.16	37.67	-12.88	39.82	2.0047	-0.7646	341.1	-1 506c	21 506		
33 569	13 470	36.83	38.77	-16.97	42.32	2.0951	-0.8965	336.3	-1 514c	22 514		
34 574	15 475	33.94	39.02	-22.8	45.19	2.1923	-1.1074	329.6	-1 529c	25 529	Mm	
36 582	16 480	28.79	37.59	-26.58	46.04	2.3481	-1.359	324.7	-1 538c	27 538		
40 601	16 485	17.28	31.35	-31.59	44.51	2.8571	-2.2638	314.7	1 407	0 400		
-1 490c	18 490	6.19	13.27	-38.4	40.63	3.1861	-6.6372	289.0	11 457	32 563		
-1 494c	18 495	6.19	13.27	-38.4	40.63	3.1861	-6.6372	289.0	11 457	32 563	Bm	
-1 500c	20 500	9.57	9.81	-38.07	39.31	2.0674	-4.4105	284.4	12 462	33 565		
-1 510c	22 510	14.72	4.86	-36.48	36.81	1.3731	-2.9143	277.5	13 467	33 567		
-1 520c	24 520	21.76	-1.28	-33.74	33.77	0.9837	-1.9861	267.8	14 471	34 570		
-1 530c	26 530	30.44	-7.92	-30.13	31.16	0.7822	-1.4255	255.2	15 475	34 574		
-1 539c	27 540	35.09	-11.08	-28.16	30.26	0.7268	-1.238	248.5	15 476	35 576		
-1 544c	28 545	39.86	-14.01	-26.11	29.64	0.691	-1.0906	241.7	15 478	35 578		
1 407	0 400	99.99	-0.29	0.29	0.41	1.0396	-0.4326	135.0	0 401	1 406		
3 415	30 555	49.57	-20.24	-20.47	28.79	0.6341	-0.8486	225.3	16 481	36 584		
5 428	31 560	54.25	-24.94	-13.85	28.53	0.5828	-0.6909	209.0	16 484	39 596		
380	770	100.0	0.0	0.0	0.01	1.0426	-0.4355	0.0				

TUB-test chart SE90; maximum C_{AB} , $Y_m=495_770$
YABCABh & LabCa'b'h data for illuminant D65, $Y_{w,10}=100$

CIE data for all optimal colours of maximum (m) C_{AB} , D65 and $Y_{w,10}=100$, $Y_m=495_770$												
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 549c	29 549	73.88	-53.97	-44.96	70.24	0.1912	-0.1111	219.7	15 479	36 581	Cm	
7 435	32 560	79.99	-81.54	-15.5	83.0	0.1783	-0.0942	190.7	17 487	-1 487c		
10 450	32 562	80.58	-101.99	9.8	102.46	0.1677	-0.081	174.5	19 495	-1 495c		
11 460	32 564	81.64	-106.52	21.73	108.72	0.1659	-0.075	168.4	20 500	-1 500c		
12 465	33 566	82.29	-109.93	33.74	114.99	0.1645	-0.069	162.9	21 506	-1 506c		
13 470	33 569	83.53	-109.94	46.99	119.57	0.1652	-0.0625	156.8	22 514	-1 514c		
15 475	34 574	85.03	-105.89	71.06	127.53	0.1681	-0.051	146.1	25 529	-1 529c	Gm	
16 480	36 582	87.58	-93.6	85.25	126.6	0.1755	-0.045	137.6	27 538	-1 538c		
16 485	40 601	92.89	-65.63	94.35	114.93	0.191	-0.0428	124.8	0 400	1 407		
18 490	-1 490c	97.55	-23.22	119.05	121.3	0.2116	-0.0337	101.0	32 563	11 457		
18 495	-1 494c	97.55	-23.22	119.05	121.3	0.2116	-0.0337	101.0	32 563	11 457	Ym	
20 500	-1 500c	96.17	-17.39	131.15	132.3	0.2141	-0.0277	97.5	33 565	12 462		
22 510	-1 510c	94.0	-8.8	140.17	140.44	0.218	-0.0224	93.5	33 567	13 467		
24 520	-1 520c	90.89	2.39	143.83	143.85	0.2233	-0.0183	89.0	34 570	14 471		
26 530	-1 530c	86.78	15.58	143.49	144.34	0.2299	-0.0149	83.8	34 574	15 475		
27 540	-1 539c	84.43	22.44	141.4	143.17	0.2336	-0.0134	80.9	35 576	15 476		
28 545	-1 544c	81.91	29.35	138.34	141.42	0.2376	-0.0121	78.0	35 578	15 478		
0 400	1 407	0.03	11.04	-11.5	15.95	0.8933	-0.4619	313.8	1 406	0 401		
30 555	3 415	76.33	45.64	94.26	104.74	0.2476	-0.0351	64.1	36 584	16 481		
31 560	5 428	73.38	57.99	50.4	76.83	0.2556	-0.0579	40.9	39 596	16 484		
29 549	-1 549c	78.16	38.8	132.86	138.41	0.2434	-0.011	73.7	36 581	15 479	Rm	
32 560	7 435	71.79	66.98	23.9	71.11	0.2615	-0.0725	19.6	-1 487c	17 487		
32 562	10 450	71.08	79.29	-10.6	80.0	0.2691	-0.0922	352.3	-1 495c	19 495		
32 564	11 460	69.73	85.06	-21.44	87.72	0.2733	-0.0986	345.8	-1 500c	20 500		
33 566	12 465	68.87	89.06	-30.18	94.03	0.2762	-0.1039	341.2	-1 506c	21 506		
33 569	13 470	67.16	93.86	-38.99	101.63	0.2803	-0.1096	337.4	-1 514c	22 514		
34 574	15 475	64.92	98.03	-50.89	110.46	0.2846	-0.1176	332.5	-1 529c	25 529	Mm	
36 582	16 480	60.6	102.59	-60.9	119.31	0.2912	-0.1259	329.3	-1 538c	27 538		
40 601	16 485	48.62	111.2	-81.55	137.9	0.3108	-0.1492	323.7	1 407	0 400		
-1 490c	18 490	29.91	89.18	-117.0	147.12	0.3224	-0.2136	307.3	11 457	32 563		
-1 494c	18 495	29.91	89.18	-117.0	147.12	0.3224	-0.2136	307.3	11 457	32 563	Bm	
-1 500c	20 500	37.09	58.6	-106.44	121.51	0.2791	-0.1864	298.8	12 462	33 565		
-1 510c	22 510	45.26	25.36	-93.37	96.75	0.2435	-0.1623	285.1	13 467	33 567		
-1 520c	24 520	53.78	-5.76	-79.17	79.38	0.2179	-0.1428	265.8	14 471	34 570		
-1 530c	26 530	62.04	-30.71	-65.2	72.07	0.2018	-0.1279	244.7	15 475	34 574		
-1 539c	27 540	65.83	-39.96	-58.75	71.05	0.1969	-0.122	235.7	15 476	35 576		
-1 544c	28 545	69.38	-47.13	-52.68	70.68	0.1937	-0.117	228.1	15 478	35 578		
1 407	0 400	100.0	-0.47	0.45	0.65	0.2219	-0.0859	136.2	0 401	1 406		
3 415	30 555	75.81	-60.42	-39.4	72.13	0.1882	-0.1076	213.1	16 481	36 584		
5 428	31 560	78.61	-71.85	-27.11	76.8	0.183	-0.1004	200.6	16 484	39 596		
380	770	100.0	0.0	0.0	0.0	0.2221	-0.0861	0.0				

see similar files: <http://130.149.60.45/~farbmetrik/SE90/SE90.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

CIE data for all optimal colours of maximum (m) C_{AB} , D50 and $Y_{w,10}=100$, $Y_m=495_770$													
i_1, λ_1	i_2, λ_2	Y_{100}	A_{100}	B_{100}	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	31 555	49.11	-22.99	-16.42	28.25	0.5817	-0.6643	215.5	16 483	37 586	Cm		
7 435	32 563	56.06	-29.46	-6.89	30.26	0.5243	-0.4529	193.1	17 489	45 627			
10 450	32 564	56.86	-33.75	1.77	33.8	0.4562	-0.2987	176.9	19 497	-1 497c			
12 460	33 566	58.0	-36.06	7.83	36.9	0.428	-0.1949	167.7	21 505	-1 505c			
13 465	33 567	58.84	-36.81	10.55	38.29	0.4241	-0.1506	164.0	22 511	-1 511c			
14 470	33 569	60.49	-37.33	13.13	39.57	0.4326	-0.1127	160.6	23 518	-1 518c			
15 475	34 573	63.01	-37.25	15.62	40.39	0.4586	-0.0819	157.2	25 527	-1 527c	Gm		
16 480	35 579	66.88	-36.43	18.18	40.71	0.5051	-0.058	153.4	27 535	-1 535c			
17 485	37 589	73.6	-33.3	21.35	39.56	0.5973	-0.0398	147.3	29 545	-1 545c			
18 490	-1 490c	94.96	-9.14	29.12	30.52	0.9535	-0.0233	107.4	33 566	11 459			
19 495	-1 495c	93.65	-7.78	29.25	30.27	0.9666	-0.0176	104.9	33 566	12 462	Ym		
19 500	-1 499c	93.65	-7.78	29.25	30.27	0.9666	-0.0176	104.9	33 566	12 462			
22 510	-1 510c	87.33	-1.57	28.19	28.24	1.0318	-0.0071	93.1	33 569	13 469			
24 520	-1 520c	80.77	4.19	26.33	26.66	1.1017	-0.0039	80.9	34 572	14 473			
25 530	-1 529c	76.8	7.38	25.11	26.18	1.1459	-0.0029	73.6	34 574	15 475			
27 540	-1 539c	68.0	13.67	22.33	26.18	1.2509	-0.0015	58.5	35 577	15 479			
28 545	-1 544c	63.34	16.56	20.82	26.61	1.3114	-0.0011	51.4	35 579	16 480			
29 550	-1 549c	58.55	19.21	19.26	27.21	1.378	-0.0009	45.0	36 581	16 481			
30 555	-1 554c	53.72	21.51	17.68	27.85	1.4503	-0.0007	39.4	36 584	16 483			
32 560	3 416	44.29	25.66	13.52	29.01	1.6293	-0.0245	27.7	38 591	17 485			
31 555	1 405	50.88	22.99	16.42	28.25	1.5016	-0.0072	35.5	37 586	16 483	Rm		
32 563	7 435	43.93	29.46	6.89	30.26	1.7204	-0.173	13.1	45 627	17 489			
32 564	10 450	43.13	33.75	-1.77	33.8	1.8324	-0.3711	356.9	-1 497c	19 497			
33 566	12 460	41.99	36.06	-7.83	36.9	1.9086	-0.5164	347.7	-1 505c	21 505			
33 567	13 465	41.15	36.81	-10.55	38.29	1.9444	-0.5863	344.0	-1 511c	22 511			
33 569	14 470	39.5	37.33	-13.13	39.57	1.9947	-0.6625	340.6	-1 518c	23 518			
34 573	15 475	36.98	37.25	-15.62	40.39	2.057	-0.7524	337.2	-1 527c	25 527	Mm		
35 579	16 480	33.11	36.43	-18.18	40.71	2.1499	-0.8791	333.4	-1 535c	27 535			
37 589	17 485	26.39	33.3	-21.35	39.56	2.3114	-1.1389	327.3	-1 545c	29 545			
-1 490c	18 490	5.03	9.14	-29.12	30.52	2.8674	-6.1167	287.4	11 459	33 566			
-1 495c	19 495	6.34	7.78	-29.25	30.27	2.2773	-4.9398	284.9	12 462	33 566	Bm		
-1 499c	19 500	6.34	7.78	-29.25	30.27	2.2773	-4.9398	284.9	12 462	33 566			
-1 510c	22 510	12.66	1.57	-28.19	28.24	1.1742	-2.5572	273.1	13 469	33 569			
-1 520c	24 520	19.22	-4.19	-26.33	26.66	0.8315	-1.6998	260.9	14 473	34 572			
-1 529c	25 530	23.19	-7.38	-25.11	26.18	0.7315	-1.4127	253.6	15 475	34 574			
-1 539c	27 540	31.99	-13.67	-22.33	26.18	0.6224	-1.0279	238.5	15 479	35 577			
-1 544c	28 545	36.65	-16.56	-20.82	26.61	0.5977	-0.8982	231.4	16 480	35 579			
-1 549c	29 550	41.44	-19.21	-19.26	27.21	0.5861	-0.7949	225.0	16 481	36 581			
-1 554c	30 555	46.27	-21.51	-17.68	27.85	0.5848	-0.7122	219.4	16 483	36 584			
3 416	32 560	55.7	-25.66	-13.52	29.01	0.5891	-0.5727	207.7	17 485	38 591			
380	770	100.0	0.0	0.0	0.01	1.0498	-0.3299	0.0					

TUB-test chart SE90; maximum C_{AB} , $Y_m=495_770$
YABCABh & LabCa'b'h data for illuminant D50, $Y_{w,10}=100$

CIE data for all optimal colours of maximum (m) C_{AB} , D50 and $Y_{w,10}=100$, $Y_m=495_770$													
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	31 555	75.53	-70.45	-41.45	81.74	0.1829	-0.0991	210.4	16 483	37 586	Cm		
7 435	32 563	79.65	-85.16	-18.36	87.12	0.1766	-0.0873	192.1	17 489	45 627			
10 450	32 564	80.1	-100.45	5.4	100.6	0.1686	-0.0759	176.9	19 497	-1 497c			
12 460	33 566	80.74	-107.75	26.83	111.04	0.1651	-0.0659	166.0	21 505	-1 505c			
13 465	33 567	81.21	-109.22	38.53	115.81	0.1646	-0.0604	160.5	22 511	-1 511c			
14 470	33 569	82.1	-108.15	50.86	119.51	0.1657	-0.0549	154.8	23 518	-1 518c			
15 475	34 573	83.45	-103.39	63.66	121.42	0.1689	-0.0493	148.3	25 527	-1 527c	Gm		
16 480	35 579	85.44	-94.61	76.87	121.9	0.1744	-0.044	140.9	27 535	-1 535c			
17 485	37 589	88.73	-77.34	91.29	119.65	0.1845	-0.0388	130.2	29 545	-1 545c			
18 490	-1 490c	98.02	-15.51	115.25	116.29	0.2156	-0.0324	97.6	33 566	11 459			
19 495	-1 495c	97.49	-13.27	121.9	122.62	0.2166	-0.0295	96.2	33 566	12 462	Ym		
19 500	-1 499c	97.49	-13.27	121.9	122.62	0.2166	-0.0295	96.2	33 566	12 462			
22 510	-1 510c	94.88	-2.75	137.84	137.87	0.2213	-0.0218	91.1	33 569	13 469			
24 520	-1 520c	92.03	7.55	143.44	143.64	0.2262	-0.0179	86.9	34 572	14 473			
25 530	-1 529c	90.23	13.57	146.8	147.42	0.2292	-0.0162	84.7	34 574	15 475			
27 540	-1 539c	86.01	26.45	144.12	146.52	0.236	-0.0132	79.6	35 577	15 479			
28 545	-1 544c	83.62	33.05	141.27	145.08	0.2398	-0.012	76.8	35 579	16 480			
29 550	-1 549c	81.05	39.7	137.66	143.27	0.2438	-0.011	73.9	36 581	16 481			
30 555	-1 554c	78.3	46.22	133.47	141.25	0.248	-0.0102	70.8	36 584	16 483			
32 560	3 416	72.42	60.12	88.23	106.77	0.2578	-0.033	55.7	38 591	17 485			
31 555	1 405	76.61	50.58	114.92	125.55	0.2509	-0.0219	66.2	37 586	16 483	Rm		
32 563	7 435	72.19	68.02	29.43	74.12	0.2625	-0.0633	23.3	45 627	17 489			
32 564	10 450	71.65	77.06	-6.04	77.3	0.2681	-0.0816	355.5	-1 497c	19 497			
33 566	12 460	70.87	82.54	-24.11	86.0	0.2717	-0.0912	343.7	-1 505c	21 505			
33 567	13 465	70.29	84.81	-31.42	90.44	0.2734	-0.0951	339.6	-1 511c	22 511			
33 569	14 470	69.12	87.51	-38.37	95.56	0.2758	-0.0991	336.3	-1 518c	23 518			
34 573	15 475	67.27	90.19	-45.39	100.97	0.2786	-0.1033	333.2	-1 527c	25 527	Mm		
35 579	16 480	64.26	93.35	-53.44	107.56	0.2827	-0.1089	330.2	-1 535c	27 535			
37 589	17 485	58.42	96.5	-65.58	116.68	0.2896	-0.1187	325.8	-1 545c	29 545			
-1 490c	18 490	26.85	73.38	-121.53	141.97	0.3112	-0.2079	301.1	11 459	33 566			
-1 495c	19 495	30.29	58.68	-116.79	130.71	0.2882	-0.1936	296.6	12 462	33 566	Bm		
-1 499c	19 500	30.29	58.68	-116.79	130.71	0.2882	-0.1936	296.6	12 462	33 566			
-1 510c	22 510	42.26	9.54	-98.28	98.75	0.2311	-0.1554	275.5	13 469	33 569			
-1 520c	24 520	50.95	-21.56	-83.9	86.63	0.206	-0.1356	255.5	14 473	34 572			
-1 529c	25 530	55.28	-34.84	-76.64	84.19	0.1974	-0.1275	245.5	15 475	34 574			
-1 539c	27 540	63.34	-54.67	-62.98	83.4	0.187	-0.1147	229.0	15 479	35 577			
-1 544c	28 545	67.02	-61.22	-56.7	83.45	0.1845	-0.1096	222.8	16 480	35 579			
-1 549c	29 550	70.49	-65.81	-50.77	83.11	0.1833	-0.1053	217.6	16 481	36 581			
-1 554c	30 555	73.73	-68.5	-45.21	82.08	0.1832	-0.1015	213.4	16 483	36 584			
3 416	32 560	79.45	-72.05	-33.2	79.33	0.1836	-0.0944	204.7	17 485	38 591			
380	770	100.0	0.0	0.0	0.0	0.2226	-0.0785	0.0					

see similar files: <http://130.149.60.45/~farbmetrik/SE90/SE90.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

CIE data for all optimal colours of maximum (m) C _{AB} , P40 and Y _{w,10} =100, Y _m =495_770													
i ₁ , λ ₁	i ₂ , λ ₂	Y ₁₀₀	A ₁₀₀	B ₁₀₀	C _{AB}	a	b	h _{AB}	i _d , λ _d	i _c , λ _c	Code		
1 405	32 560	49.75	-26.01	-12.68	28.94	0.5691	-0.5138	205.9	17 486	37 589	Cm		
7 435	33 566	54.86	-31.01	-5.19	31.44	0.5268	-0.3534	189.5	18 492	-1 492c			
10 450	33 567	55.53	-34.1	1.14	34.12	0.478	-0.2382	178.0	19 499	-1 499c			
12 460	33 569	56.49	-35.79	5.55	36.22	0.4583	-0.1605	171.1	21 506	-1 506c			
12 465	34 570	57.46	-35.95	5.8	36.41	0.4664	-0.1578	170.8	21 507	-1 507c			
13 470	34 571	58.82	-36.48	8.0	37.34	0.4719	-0.1226	167.6	22 513	-1 513c			
14 475	34 574	60.91	-36.78	10.12	38.15	0.4882	-0.0926	164.6	24 522	-1 522c	Gm		
16 480	35 578	63.46	-36.07	13.08	38.37	0.5236	-0.0525	160.0	27 535	-1 535c			
16 485	37 585	69.33	-34.82	14.6	37.76	0.5898	-0.0481	157.2	28 541	-1 541c			
18 490	41 605	80.88	-25.26	18.98	31.6	0.7797	-0.024	143.0	31 557	-1 557c			
19 495	-1 495c	94.87	-5.66	23.08	23.76	1.0323	-0.0154	103.7	33 569	12 462	Ym		
20 500	-1 500c	93.44	-4.13	23.09	23.46	1.0478	-0.0116	100.1	34 570	13 465			
22 510	-1 510c	89.35	0.0	22.54	22.54	1.0921	-0.0063	89.9	34 572	14 470			
24 520	-1 520c	83.41	5.47	21.28	21.97	1.1577	-0.0035	75.5	34 574	15 475			
26 530	-1 530c	75.94	11.56	19.5	22.67	1.2443	-0.0019	59.3	35 577	15 478			
28 540	-1 540c	67.4	17.49	17.36	24.65	1.3517	-0.0011	44.7	36 581	16 482			
29 545	-1 545c	62.86	20.19	16.21	25.89	1.4133	-0.0008	38.7	36 583	16 483			
29 550	-1 549c	62.86	20.19	16.21	25.89	1.4133	-0.0008	38.7	36 583	16 483			
30 555	-1 554c	58.21	22.6	15.02	27.13	1.4803	-0.0007	33.6	37 585	16 484			
32 560	-1 560c	48.79	26.19	12.59	29.06	1.6288	-0.0005	25.6	37 589	17 486			
32 560	1 405	50.24	26.01	12.68	28.94	1.6098	-0.0062	25.9	37 589	17 486	Rm		
33 566	7 435	45.13	31.01	5.19	31.44	1.7792	-0.1436	9.5	-1 492c	18 492			
33 567	10 450	44.46	34.1	-1.14	34.12	1.8589	-0.2844	358.0	-1 499c	19 499			
33 569	12 460	43.5	35.79	-5.55	36.22	1.9148	-0.3863	351.1	-1 506c	21 506			
34 570	12 465	42.53	35.95	-5.8	36.41	1.9372	-0.3951	350.8	-1 507c	21 507			
34 571	13 470	41.17	36.48	-8.0	37.34	1.9781	-0.4531	347.6	-1 513c	22 513			
34 574	14 475	39.08	36.78	-10.12	38.15	2.0333	-0.5177	344.6	-1 522c	24 522	Mm		
35 578	16 480	36.53	36.07	-13.08	38.37	2.0794	-0.6169	340.0	-1 535c	27 535			
37 585	16 485	30.66	34.82	-14.6	37.76	2.2277	-0.7349	337.2	-1 541c	28 541			
41 605	18 490	19.11	25.26	-18.98	31.6	2.4136	-1.2518	323.0	-1 557c	31 557			
-1 495c	19 495	5.12	5.66	-23.08	23.76	2.1983	-4.7666	283.7	12 462	33 569	Bm		
-1 500c	20 500	6.55	4.13	-23.09	23.45	1.7234	-3.7821	280.1	13 465	34 570			
-1 510c	22 510	10.64	0.0	-22.54	22.54	1.0916	-2.3762	269.9	14 470	34 572			
-1 520c	24 520	16.58	-5.47	-21.28	21.97	0.762	-1.5424	255.5	15 475	34 574			
-1 530c	26 530	24.05	-11.56	-19.5	22.67	0.6114	-1.0695	239.3	15 478	35 577			
-1 540c	28 540	32.59	-17.49	-17.36	24.65	0.5553	-0.7914	224.7	16 482	36 581			
-1 545c	29 545	37.13	-20.19	-16.21	25.89	0.5482	-0.6953	218.7	16 483	36 583			
-1 549c	29 550	37.13	-20.19	-16.21	25.89	0.5482	-0.6953	218.7	16 483	36 583			
-1 554c	30 555	41.78	-22.6	-15.02	27.13	0.5511	-0.6183	213.6	16 484	37 585			
-1 560c	32 560	51.2	-26.19	-12.59	29.06	0.5806	-0.5047	205.6	17 486	37 589			
380	770	100.0	0.0	0.0	0.01	1.092	-0.2587	0.0					

1-001230-L0

SE900-7N_3

TUB-test chart SE90; maximum C_{AB} , $Y_m=495_770$
YABCABh & LabCa'b'h data for illuminant P40, $Y_{w,10}=100$

CIE data for all optimal colours of maximum (m) C_{AB} , P40 and $Y_{w,10}=100$, $Y_m=495_770$													
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	32 560	75.92	-77.34	-40.7	87.4	0.1815	-0.091	207.7	17 486	37 589	Cm		
7 435	33 566	78.97	-88.27	-17.93	90.07	0.1769	-0.0803	191.4	18 492	-1 492c			
10 450	33 567	79.35	-98.91	4.47	99.01	0.1713	-0.0704	177.4	19 499	-1 499c			
12 460	33 569	79.89	-103.84	24.32	106.65	0.1689	-0.0617	166.8	21 506	-1 506c			
12 465	34 570	80.44	-102.62	25.26	105.68	0.1699	-0.0614	166.1	21 507	-1 507c			
13 470	34 571	81.2	-102.19	36.9	108.65	0.1705	-0.0564	160.1	22 513	-1 513c			
14 475	34 574	82.33	-99.74	49.15	111.2	0.1725	-0.0514	153.7	24 522	-1 522c	Gm		
16 480	35 578	83.69	-93.34	70.81	117.17	0.1766	-0.0425	142.8	27 535	-1 535c			
16 485	37 585	86.67	-82.13	75.92	111.85	0.1837	-0.0413	137.2	28 541	-1 541c			
18 490	41 605	92.08	-49.48	101.92	113.3	0.2016	-0.0328	115.8	31 557	-1 557c			
19 495	-1 495c	97.98	-9.12	119.65	120.0	0.2214	-0.0283	94.3	33 569	12 462	Ym		
20 500	-1 500c	97.41	-6.69	125.94	126.12	0.2225	-0.0257	93.0	34 570	13 465			
22 510	-1 510c	95.73	0.0	136.44	136.44	0.2256	-0.0211	89.9	34 572	14 470			
24 520	-1 520c	93.2	9.24	142.94	143.24	0.23	-0.0173	86.3	34 574	15 475			
26 530	-1 530c	89.83	20.27	149.05	150.42	0.2356	-0.0142	82.2	35 577	15 478			
28 540	-1 540c	85.71	32.29	144.86	148.41	0.2422	-0.0117	77.4	36 581	16 482			
29 545	-1 545c	83.37	38.44	141.62	146.75	0.2458	-0.0108	74.8	36 583	16 483			
29 550	-1 549c	83.37	38.44	141.62	146.75	0.2458	-0.0108	74.8	36 583	16 483			
30 555	-1 554c	80.86	44.54	137.82	144.84	0.2497	-0.0101	72.0	37 585	16 484			
32 560	-1 560c	75.32	56.1	128.87	140.56	0.2577	-0.0091	66.4	37 589	17 486			
32 560	1 405	76.22	54.88	112.93	125.56	0.2567	-0.0209	64.0	37 589	17 486	Rm		
33 566	7 435	72.98	67.75	27.33	73.05	0.2654	-0.0595	21.9	-1 492c	18 492			
33 567	10 450	72.54	74.03	-4.88	74.19	0.2694	-0.0747	356.2	-1 499c	19 499			
33 569	12 460	71.9	77.98	-21.65	80.93	0.272	-0.0827	344.4	-1 506c	21 506			
34 570	12 465	71.24	79.15	-22.79	82.37	0.2731	-0.0834	343.9	-1 507c	21 507			
34 571	13 470	70.3	81.44	-30.55	86.98	0.275	-0.0873	339.4	-1 513c	22 513			
34 574	14 475	68.81	84.15	-38.02	92.34	0.2775	-0.0912	335.6	-1 522c	24 522	Mm		
35 578	16 480	66.93	85.58	-48.02	98.13	0.2796	-0.0967	330.7	-1 535c	27 535			
37 585	16 485	62.23	90.43	-56.12	106.43	0.2861	-0.1025	328.1	-1 541c	28 541			
41 605	18 490	50.83	87.13	-79.63	118.04	0.2939	-0.1225	317.5	-1 557c	31 557			
-1 495c	19 495	27.1	48.72	-121.83	131.21	0.2848	-0.1913	291.7	12 462	33 569	Bm		
-1 500c	20 500	30.79	33.08	-116.48	121.09	0.2626	-0.1771	285.8	13 465	34 570			
-1 510c	22 510	38.99	-0.03	-103.69	103.69	0.2255	-0.1516	269.9	14 470	34 572			
-1 520c	24 520	47.74	-31.03	-89.33	94.57	0.2001	-0.1313	250.8	15 475	34 574			
-1 530c	26 530	56.15	-54.64	-75.22	92.97	0.1859	-0.1162	234.0	15 478	35 577			
-1 540c	28 540	63.84	-69.42	-62.15	93.18	0.18	-0.1051	221.8	16 482	36 581			
-1 545c	29 545	67.38	-73.74	-56.09	92.65	0.1793	-0.1007	217.2	16 483	36 583			
-1 549c	29 550	67.38	-73.74	-56.09	92.65	0.1793	-0.1007	217.2	16 483	36 583			
-1 554c	30 555	70.72	-76.17	-50.36	91.32	0.1796	-0.0968	213.4	16 484	37 585			
-1 560c	32 560	76.81	-75.94	-39.92	85.79	0.1827	-0.0905	207.7	17 486	37 589			
380	770	100.0	0.0	0.0	0.0	0.2256	-0.0724	0.0					

see similar files: <http://130.149.60.45/~farbmetrik/SE90/SE90.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

CIE data for all optimal colours of maximum (m) C_{AB} , A00 and $Y_{w,10}=100$, $Y_m=495_770$													
i_1, λ_1	i_2, λ_2	Y_{100}	A_{100}	B_{100}	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	33 569	50.52	-30.64	-6.91	31.41	0.5657	-0.2792	192.7	18 493	39 595	Cm		
6 435	34 572	53.17	-32.21	-4.65	32.55	0.5662	-0.2298	188.2	19 495	42 610			
10 450	34 573	53.5	-34.2	-0.59	34.21	0.5328	-0.1534	180.9	20 502	-1 502c			
12 460	34 573	53.99	-35.09	1.78	35.14	0.5221	-0.1092	177.0	21 508	-1 508c			
13 465	34 574	54.34	-35.41	2.91	35.53	0.5206	-0.0886	175.2	22 512	-1 512c			
14 470	35 575	54.99	-35.58	3.96	35.8	0.5251	-0.0703	173.6	23 518	-1 518c			
15 475	35 576	55.94	-35.5	4.89	35.84	0.5376	-0.0547	172.1	25 525	-1 525c	Gm		
16 480	35 578	57.48	-35.23	5.77	35.7	0.5592	-0.0419	170.6	26 532	-1 532c			
17 485	36 581	60.05	-34.52	6.65	35.16	0.5972	-0.0314	169.0	28 540	-1 540c			
18 490	37 588	64.88	-32.63	7.76	33.54	0.6693	-0.0227	166.6	29 548	-1 548c			
18 495	40 603	76.9	-26.01	9.46	27.68	0.8339	-0.0192	160.0	31 558	-1 558c	Ym		
20 500	-1 500c	95.67	-0.68	12.74	12.76	1.165	-0.0091	93.0	34 574	13 468			
21 510	-1 509c	94.31	0.82	12.77	12.79	1.181	-0.0069	86.2	35 575	14 471			
24 520	-1 520c	87.81	7.46	12.23	14.32	1.2572	-0.003	58.6	35 578	15 479			
26 530	-1 530c	81.5	13.09	11.46	17.4	1.3329	-0.0017	41.1	36 580	16 483			
27 540	-1 539c	77.86	16.04	10.98	19.44	1.3782	-0.0013	34.3	36 581	17 485			
28 545	-1 544c	73.92	18.96	10.44	21.65	1.4287	-0.001	28.8	36 583	17 486			
30 550	-1 550c	65.38	24.39	9.26	26.09	1.5453	-0.0006	20.7	37 587	17 489			
30 555	-1 554c	65.38	24.39	9.26	26.09	1.5453	-0.0006	20.7	37 587	17 489			
32 560	-1 560c	56.18	28.62	7.96	29.71	1.6816	-0.0004	15.5	38 591	18 491			
33 569	1 405	49.47	30.64	6.91	31.41	1.7915	-0.0024	12.7	39 595	18 493	Rm		
34 572	6 435	46.82	32.21	4.65	32.55	1.8602	-0.0429	8.2	42 610	19 495			
34 573	10 450	46.49	34.2	0.59	34.21	1.9079	-0.1295	0.9	-1 502c	20 502			
34 573	12 460	46.0	35.09	-1.78	35.14	1.9351	-0.1811	357.0	-1 508c	21 508			
34 574	13 465	45.65	35.41	-2.91	35.53	1.9479	-0.2062	355.2	-1 512c	22 512			
35 575	14 470	45.0	35.58	-3.96	35.8	1.963	-0.2303	353.6	-1 518c	23 518			
35 576	15 475	44.05	35.5	-4.89	35.84	1.9782	-0.2535	352.1	-1 525c	25 525	Mm		
35 578	16 480	42.51	35.23	-5.77	35.7	2.0011	-0.278	350.6	-1 532c	26 532			
36 581	17 485	39.94	34.52	-6.65	35.16	2.0365	-0.3089	349.0	-1 540c	28 540			
37 588	18 490	35.11	32.63	-7.76	33.54	2.1015	-0.3633	346.6	-1 548c	29 548			
40 603	18 495	23.09	26.01	-9.46	27.68	2.2987	-0.5521	340.0	-1 558c	31 558	Bm		
-1 500c	20 500	4.32	0.68	-12.74	12.76	1.3316	-3.0904	273.0	13 468	34 574			
-1 509c	21 510	5.68	-0.82	-12.77	12.79	1.0263	-2.3881	266.2	14 471	35 575			
-1 520c	24 520	12.18	-7.46	-12.23	14.32	0.5598	-1.146	238.6	15 479	35 578			
-1 530c	26 530	18.49	-13.09	-11.46	17.4	0.4637	-0.7621	221.1	16 483	36 580			
-1 539c	27 540	22.13	-16.04	-10.98	19.44	0.4474	-0.6382	214.3	17 485	36 581			
-1 544c	28 545	26.07	-18.96	-10.44	21.65	0.4446	-0.543	208.8	17 486	36 583			
-1 550c	30 550	34.61	-24.39	-9.26	26.09	0.4675	-0.4098	200.7	17 489	37 587			
-1 554c	30 555	34.61	-24.39	-9.26	26.09	0.4675	-0.4098	200.7	17 489	37 587			
-1 560c	32 560	43.81	-28.62	-7.96	29.71	0.5189	-0.3242	195.5	18 491	38 591			
380	770	99.99	0.0	0.0	0.01	1.1722	-0.1423	0.0					

TUB-test chart SE90; maximum C_{AB} , $Y_m=495_770$
YABCABh & LabCa'b'h data for illuminant A00, $Y_{w,10}=100$

CIE data for all optimal colours of maximum (m) C_{AB} , A00 and $Y_{w,10}=100$, $Y_m=495_770$													
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	33 569	76.39	-85.84	-40.12	94.76	0.1812	-0.0743	205.0	18 493	39 595	Cm		
6 435	34 572	77.98	-87.21	-28.05	91.61	0.1812	-0.0696	197.8	19 495	42 610			
10 450	34 573	78.17	-93.78	-4.13	93.87	0.1776	-0.0608	182.5	20 502	-1 502c			
12 460	34 573	78.46	-96.18	13.73	97.16	0.1764	-0.0543	171.8	21 508	-1 508c			
13 465	34 574	78.67	-96.69	23.83	99.59	0.1762	-0.0506	166.1	22 512	-1 512c			
14 470	35 575	79.04	-96.18	34.32	102.12	0.1767	-0.0469	160.3	23 518	-1 518c			
15 475	35 576	79.59	-94.25	44.91	104.41	0.1781	-0.0431	154.5	25 525	-1 525c	Gm		
16 480	35 578	80.45	-90.87	55.62	106.54	0.1805	-0.0394	148.5	26 532	-1 532c			
17 485	36 581	81.87	-84.9	66.69	107.96	0.1845	-0.0358	141.8	28 540	-1 540c			
18 490	37 588	84.43	-73.74	79.2	108.21	0.1916	-0.0321	132.9	29 548	-1 548c			
18 495	40 603	90.28	-49.15	89.15	101.8	0.2062	-0.0304	118.8	31 558	-1 558c	Ym		
20 500	-1 500c	98.3	-1.01	118.2	118.21	0.2305	-0.0237	90.4	34 574	13 468			
21 510	-1 509c	97.76	1.22	124.56	124.57	0.2315	-0.0216	89.4	35 575	14 471			
24 520	-1 520c	95.08	11.3	138.4	138.86	0.2364	-0.0164	85.3	35 578	15 479			
26 530	-1 530c	92.36	20.43	143.79	145.23	0.2411	-0.0136	81.9	36 580	16 483			
27 540	-1 539c	90.72	25.51	152.46	154.58	0.2438	-0.0124	80.5	36 581	17 485			
28 545	-1 544c	88.89	30.82	150.37	153.5	0.2467	-0.0113	78.4	36 583	17 486			
30 550	-1 550c	84.68	41.87	144.33	150.28	0.2533	-0.0098	73.8	37 587	17 489			
30 555	-1 554c	84.68	41.87	144.33	150.28	0.2533	-0.0098	73.8	37 587	17 489			
32 560	-1 560c	79.72	52.73	136.37	146.21	0.2605	-0.0089	68.8	38 591	18 491			
33 569	1 405	75.75	60.05	125.79	139.39	0.2661	-0.0154	64.4	39 595	18 493	Rm		
34 572	6 435	74.08	64.6	51.09	82.37	0.2694	-0.0398	38.3	42 610	19 495			
34 573	10 450	73.87	68.28	4.8	68.45	0.2717	-0.0575	4.0	-1 502c	20 502			
34 573	12 460	73.55	70.19	-12.92	71.37	0.273	-0.0643	349.5	-1 508c	21 508			
34 574	13 465	73.32	71.01	-20.26	73.84	0.2736	-0.0671	344.0	-1 512c	22 512			
35 575	14 470	72.89	71.84	-26.67	76.63	0.2743	-0.0696	339.6	-1 518c	23 518			
35 576	15 475	72.26	72.49	-32.29	79.36	0.275	-0.0719	335.9	-1 525c	25 525	Mm		
35 578	16 480	71.23	73.35	-37.61	82.43	0.2761	-0.0741	332.8	-1 532c	26 532			
36 581	17 485	69.44	74.43	-43.42	86.17	0.2777	-0.0768	329.7	-1 540c	28 540			
37 588	18 490	65.84	75.76	-51.73	91.74	0.2806	-0.0811	325.6	-1 548c	29 548			
40 603	18 495	55.18	77.19	-70.09	104.26	0.2891	-0.0932	317.7	-1 558c	31 558	Bm		
-1 500c	20 500	24.74	7.61	-125.58	125.82	0.241	-0.1655	273.4	13 468	34 574			
-1 509c	21 510	28.63	-8.31	-119.95	120.24	0.221	-0.1519	266.0	14 471	35 575			
-1 520c	24 520	41.52	-54.08	-99.57	113.31	0.1805	-0.1189	241.4	15 479	35 578			
-1 530c	26 530	50.09	-75.69	-85.38	114.1	0.1695	-0.1038	228.4	16 483	36 580			
-1 539c	27 540	54.18	-83.01	-78.52	114.26	0.1675	-0.0978	223.4	17 485	36 581			
-1 544c	28 545	58.11	-88.14	-71.87	113.73	0.1672	-0.0927	219.1	17 486	36 583			
-1 550c	30 550	65.45	-92.61	-59.35	110.0	0.17	-0.0844	212.6	17 489	37 587			
-1 554c	30 555	65.45	-92.61	-59.35	110.0	0.17	-0.0844	212.6	17 489	37 587			
-1 560c	32 560	72.11	-90.3	-47.96	102.25	0.176	-0.078	207.9	18 491	38 591			
380	770	100.0	0.0	0.0	0.0	0.231	-0.0593	0.0					

see similar files: <http://130.149.60.45/~farbmetrik/SE90/SE90.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

CIE data for all optimal colours of maximum (m) C_{AB} , E00 and $Y_{w,10}=100$, $Y_m=495_770$												
i_1, λ_1	i_2, λ_2	Y_{100}	A_{100}	B_{100}	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code	
1 405	30 553	47.43	-20.7	-20.32	29.01	0.6551	-0.8285	224.4	16 481	37 585	Cm	
6 435	32 563	55.91	-28.97	-8.79	30.28	0.5733	-0.5572	196.8	17 487	44 622		
10 450	32 564	56.81	-35.74	4.63	36.04	0.4625	-0.3183	172.6	19 497	-1 497c		
12 460	33 567	58.27	-38.28	11.4	39.95	0.4346	-0.2042	163.4	21 506	-1 506c		
13 465	33 568	59.36	-39.16	14.47	41.75	0.4318	-0.1561	159.7	22 513	-1 513c		
14 470	34 571	61.42	-39.66	17.48	43.34	0.4458	-0.1154	156.2	24 521	-1 521c		
15 475	35 576	64.52	-39.6	20.45	44.57	0.4778	-0.083	152.6	26 530	-1 530c	Gm	
15 480	36 583	69.99	-38.85	22.63	44.96	0.5365	-0.0765	149.7	27 536	-1 536c		
17 485	39 599	79.42	-32.17	28.75	43.15	0.6864	-0.0379	138.2	30 551	-1 551c		
18 490	-1 490c	94.54	-12.51	35.56	37.7	0.9592	-0.0238	109.3	33 566	11 456		
19 495	-1 495c	93.18	-11.05	35.6	37.27	0.973	-0.0179	107.2	33 566	11 459	Ym	
19 500	-1 499c	93.18	-11.05	35.6	37.27	0.973	-0.0179	107.2	33 566	11 459		
22 510	-1 510c	86.74	-4.44	34.08	34.36	1.0403	-0.0071	97.4	34 570	13 467		
24 520	-1 520c	80.14	1.63	31.74	31.78	1.112	-0.0038	87.0	34 572	14 471		
26 530	-1 530c	72.11	8.17	28.69	29.83	1.205	-0.0021	74.0	35 576	15 475		
27 540	-1 539c	67.74	11.35	26.99	29.28	1.2592	-0.0015	67.1	35 578	15 476		
29 545	-1 545c	58.59	17.1	23.38	28.97	1.3836	-0.0009	53.8	36 582	15 479		
29 550	-1 549c	58.59	17.1	23.38	28.97	1.3836	-0.0009	53.8	36 582	15 479		
30 555	1 409	53.93	20.16	20.75	28.93	1.4655	-0.0151	45.8	37 585	16 481		
32 560	3 417	44.67	24.81	15.79	29.41	1.6472	-0.0465	32.4	38 592	16 483		
30 553	1 405	52.56	20.7	20.32	29.01	1.4854	-0.0133	44.4	37 585	16 481	Rm	
32 563	6 435	44.08	28.97	8.79	30.28	1.7489	-0.2005	16.8	44 622	17 487		
32 564	10 450	43.18	35.74	-4.63	36.04	1.9191	-0.5074	352.6	-1 497c	19 497		
33 567	12 460	41.72	38.28	-11.4	39.95	2.0092	-0.6734	343.4	-1 506c	21 506		
33 568	13 465	40.63	39.16	-14.47	41.75	2.0555	-0.7563	339.7	-1 513c	22 513		
34 571	14 470	38.57	39.66	-17.48	43.34	2.1199	-0.8531	336.2	-1 521c	24 521		
35 576	15 475	35.47	39.6	-20.45	44.57	2.2078	-0.9764	332.6	-1 530c	26 530	Mm	
36 583	15 480	30.0	38.85	-22.63	44.96	2.3863	-1.1542	329.7	-1 536c	27 536		
39 599	17 485	20.57	32.17	-28.75	43.15	2.6553	-1.7971	318.2	-1 551c	30 551		
-1 490c	18 490	5.45	12.51	-35.56	37.7	3.3849	-6.9153	289.3	11 456	33 566		
-1 495c	19 495	6.81	11.05	-35.6	37.27	2.7125	-5.6212	287.2	11 459	33 566	Bm	
-1 499c	19 500	6.81	11.05	-35.6	37.27	2.7125	-5.6212	287.2	11 459	33 566		
-1 510c	22 510	13.25	4.44	-34.08	34.36	1.4272	-2.9707	277.4	13 467	34 570		
-1 520c	24 520	19.85	-1.63	-31.74	31.78	1.0093	-1.9986	267.0	14 471	34 572		
-1 530c	26 530	27.88	-8.17	-28.69	29.83	0.7984	-1.4289	254.0	15 475	35 576		
-1 539c	27 540	32.25	-11.35	-26.99	29.28	0.7395	-1.2366	247.1	15 476	35 578		
-1 545c	29 545	41.4	-17.1	-23.38	28.97	0.6784	-0.9647	233.8	15 479	36 582		
-1 549c	29 550	41.4	-17.1	-23.38	28.97	0.6784	-0.9647	233.8	15 479	36 582		
1 409	30 555	46.06	-20.16	-20.75	28.93	0.6538	-0.8506	225.8	16 481	37 585		
3 417	32 560	55.32	-24.81	-15.79	29.41	0.643	-0.6853	212.4	16 483	38 592		
380	770	100.0	0.0	0.0	0.01	1.0916	-0.4	0.0				

1-001430-L0

SE900-7N_5

TUB-test chart SE90; maximum C_{AB} , $Y_m=495_770$
YABCABh & LabCa'b'h data for illuminant E00, $Y_{w,10}=100$

CIE data for all optimal colours of maximum (m) C _{AB} , E00 and Y _{w,10} =100, Y _m =495_770												
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	30 553	74.47	-61.0	-42.84	74.54	0.1902	-0.1067	215.0	16 481	37 585	Cm	
6 435	32 563	79.57	-79.55	-19.24	81.84	0.182	-0.0935	193.6	17 487	44 622		
10 450	32 564	80.07	-103.06	12.13	103.77	0.1694	-0.0776	173.2	19 497	-1 497c		
12 460	33 567	80.89	-110.37	33.53	115.35	0.1659	-0.0669	163.1	21 506	-1 506c		
13 465	33 568	81.49	-111.71	45.24	120.52	0.1656	-0.0612	157.9	22 513	-1 513c		
14 470	34 571	82.61	-109.66	57.65	123.89	0.1673	-0.0553	152.2	24 521	-1 521c		
15 475	35 576	84.24	-103.99	70.48	125.62	0.1712	-0.0495	145.8	26 530	-1 530c	Gm	
15 480	36 583	86.99	-93.58	75.2	120.05	0.178	-0.0482	141.2	27 536	-1 536c		
17 485	39 599	91.42	-66.32	100.67	120.56	0.1932	-0.0382	123.3	30 551	-1 551c		
18 490	-1 490c	97.85	-20.69	119.57	121.34	0.216	-0.0327	99.8	33 566	11 456		
19 495	-1 495c	97.3	-18.37	125.92	127.25	0.2171	-0.0297	98.3	33 566	11 459	Ym	
19 500	-1 499c	97.3	-18.37	125.92	127.25	0.2171	-0.0297	98.3	33 566	11 459		
22 510	-1 510c	94.63	-7.58	140.85	141.05	0.222	-0.0218	93.0	34 570	13 467		
24 520	-1 520c	91.75	2.87	146.03	146.06	0.2269	-0.0178	88.8	34 572	14 471		
26 530	-1 530c	88.02	15.01	145.85	146.62	0.2331	-0.0145	84.1	35 576	15 475		
27 540	-1 539c	85.88	21.41	143.98	145.56	0.2366	-0.0131	81.5	35 578	15 476		
29 545	-1 545c	81.07	34.39	137.72	141.95	0.2441	-0.0109	75.9	36 582	15 479		
29 550	-1 549c	81.07	34.39	137.72	141.95	0.2441	-0.0109	75.9	36 582	15 479		
30 555	1 409	78.43	41.98	108.01	115.88	0.2488	-0.0281	68.7	37 585	16 481		
32 560	3 417	72.68	56.17	78.22	96.3	0.2587	-0.0408	54.3	38 592	16 483		
30 553	1 405	77.62	43.63	109.38	117.76	0.2499	-0.0269	68.2	37 585	16 481	Rm	
32 563	6 435	72.29	64.73	31.27	71.89	0.2639	-0.0665	25.7	44 622	17 487		
32 564	10 450	71.68	78.19	-12.47	79.18	0.2722	-0.0906	350.9	-1 497c	19 497		
33 567	12 460	70.68	84.24	-28.33	88.88	0.2764	-0.0996	341.4	-1 506c	21 506		
33 568	13 465	69.92	86.96	-35.04	93.76	0.2785	-0.1035	338.0	-1 513c	22 513		
34 571	14 470	68.44	90.11	-41.81	99.34	0.2814	-0.1078	335.1	-1 521c	24 521		
35 576	15 475	66.12	93.65	-49.04	105.72	0.2852	-0.1127	332.3	-1 530c	26 530	Mm	
36 583	15 480	61.67	99.68	-56.72	114.69	0.2927	-0.1192	330.3	-1 536c	27 536		
39 599	17 485	52.49	101.78	-76.74	127.47	0.3034	-0.1382	322.9	-1 551c	30 551		
-1 490c	18 490	28.02	86.85	-120.26	148.34	0.3289	-0.2165	305.8	11 456	33 566		
-1 495c	19 495	31.41	72.36	-115.43	136.24	0.3055	-0.2021	302.0	11 459	33 566	Bm	
-1 499c	19 500	31.41	72.36	-115.43	136.24	0.3055	-0.2021	302.0	11 459	33 566		
-1 510c	22 510	43.16	23.81	-96.96	99.85	0.2466	-0.1634	283.7	13 467	34 570		
-1 520c	24 520	51.68	-7.52	-82.78	83.12	0.2197	-0.1431	264.8	14 471	34 572		
-1 530c	26 530	59.79	-32.33	-69.07	76.26	0.2032	-0.128	244.9	15 475	35 576		
-1 539c	27 540	63.56	-41.72	-62.64	75.27	0.1981	-0.122	236.3	15 476	35 578		
-1 545c	29 545	70.46	-54.62	-50.83	74.62	0.1925	-0.1123	222.9	15 479	36 582		
-1 549c	29 550	70.46	-54.62	-50.83	74.62	0.1925	-0.1123	222.9	15 479	36 582		
1 409	30 555	73.59	-60.63	-44.16	75.01	0.1901	-0.1077	216.0	16 481	37 585		
3 417	32 560	79.23	-66.36	-32.28	73.8	0.1891	-0.1002	205.9	16 483	38 592		
380	770	100.0	0.0	0.0	0.0	0.2255	-0.0837	0.0				

see similar files: <http://130.149.60.45/~farbmetrik/SE90/SE90.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

CIE data for all optimal colours of maximum (m) C_{AB} , C00 and $Y_{w,10}=100$, $Y_m=495_770$													
i_1, λ_1	i_2, λ_2	Y_{100}	A_{100}	B_{100}	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	29 548	44.65	-16.25	-25.66	30.38	0.7095	-1.0476	237.6	15 478	36 581	Cm		
6 435	32 560	56.14	-26.55	-11.5	28.93	0.6005	-0.6778	203.4	16 484	42 610			
9 450	32 562	57.51	-33.03	1.12	33.05	0.499	-0.4533	178.0	18 492	-1 492c			
12 460	33 565	59.1	-38.2	13.61	40.55	0.4271	-0.2425	160.3	21 505	-1 505c			
13 465	33 567	60.43	-39.26	17.5	42.99	0.4237	-0.1831	155.9	22 512	-1 512c			
14 470	34 570	63.01	-39.98	21.43	45.36	0.4389	-0.1327	151.8	24 521	-1 521c			
14 475	35 576	67.53	-40.02	23.57	46.44	0.4808	-0.1238	149.5	25 527	-1 527c	Gm		
16 480	36 584	72.53	-38.1	29.75	48.34	0.5481	-0.0627	142.0	28 540	-1 540c			
17 485	42 611	85.64	-27.42	37.17	46.2	0.7531	-0.0387	126.4	31 555	3 416			
18 490	-1 490c	93.33	-14.4	41.73	44.14	0.9191	-0.0257	109.0	32 564	11 457			
18 495	-1 494c	93.33	-14.4	41.73	44.14	0.9191	-0.0257	109.0	32 564	11 457	Ym		
20 500	-1 500c	89.9	-10.78	41.28	42.66	0.9534	-0.0137	104.6	33 566	12 462			
22 510	-1 510c	85.04	-5.96	39.6	40.05	1.0033	-0.0071	98.5	33 568	13 466			
24 520	-1 520c	78.6	-0.14	36.85	36.85	1.0716	-0.0039	90.2	34 571	14 470			
26 530	-1 530c	70.68	6.16	33.27	33.83	1.1606	-0.0021	79.5	34 574	14 473			
28 540	-1 540c	61.57	12.32	29.04	31.54	1.2736	-0.0012	67.0	35 578	15 476			
29 545	-1 545c	56.72	15.11	26.77	30.74	1.34	-0.0009	60.5	36 580	15 478			
29 550	1 408	56.73	15.56	26.25	30.52	1.3478	-0.01	59.3	36 581	15 478			
31 555	3 415	46.86	20.76	20.85	29.43	1.5166	-0.0278	45.1	37 587	16 480			
31 560	4 424	46.91	22.79	17.89	28.97	1.5593	-0.0914	38.1	38 591	16 482			
29 548	1 405	55.34	16.25	25.66	30.38	1.3671	-0.009	57.6	36 581	15 478	Rm		
32 560	6 435	43.85	26.55	11.5	28.93	1.6789	-0.2105	23.4	42 610	16 484			
32 562	9 450	42.48	33.03	-1.12	33.05	1.851	-0.4993	358.0	-1 492c	18 492			
33 565	12 460	40.89	38.2	-13.61	40.55	2.0077	-0.8058	340.3	-1 505c	21 505			
33 567	13 465	39.56	39.26	-17.5	42.99	2.066	-0.9154	335.9	-1 512c	22 512			
34 570	14 470	36.98	39.98	-21.43	45.36	2.1544	-1.0524	331.8	-1 521c	24 521			
35 576	14 475	32.46	40.02	-23.57	46.44	2.3061	-1.1988	329.5	-1 527c	25 527	Mm		
36 584	16 480	27.46	38.1	-29.74	48.34	2.4608	-1.5561	322.0	-1 540c	28 540			
42 611	17 485	14.35	27.42	-37.17	46.2	2.9839	-3.0623	306.4	3 416	31 555			
-1 490c	18 490	6.66	14.4	-41.73	44.14	3.2337	-6.7332	289.0	11 457	32 564			
-1 494c	18 495	6.66	14.4	-41.73	44.14	3.2337	-6.7332	289.0	11 457	32 564	Bm		
-1 500c	20 500	10.09	10.78	-41.28	42.66	2.1416	-4.5604	284.6	12 462	33 566			
-1 510c	22 510	14.95	5.96	-39.6	40.05	1.4724	-3.1223	278.5	13 466	33 568			
-1 520c	24 520	21.39	0.14	-36.85	36.85	1.08	-2.1957	270.2	14 470	34 571			
-1 530c	26 530	29.31	-6.16	-33.27	33.83	0.8632	-1.608	259.5	14 473	34 574			
-1 540c	28 540	38.42	-12.32	-29.04	31.54	0.7527	-1.2287	247.0	15 476	35 578			
-1 545c	29 545	43.27	-15.11	-26.77	30.74	0.7241	-1.0915	240.5	15 478	36 580			
1 408	29 550	43.26	-15.56	-26.25	30.52	0.7137	-1.0797	239.3	15 478	36 581			
3 415	31 555	53.13	-20.76	-20.85	29.43	0.6826	-0.8653	225.1	16 480	37 587			
4 424	31 560	53.08	-22.79	-17.89	28.97	0.6441	-0.8099	218.1	16 482	38 591			
380	770	100.0	0.0	0.0	0.01	1.0734	-0.4729	0.0					

TUB-test chart SE90; maximum C_{AB} , $Y_m=495_770$
YABCABh & LabCa'b'h data for illuminant C00, $Y_{w,10}=100$

CIE data for all optimal colours of maximum (m) C_{AB} , C00 and $Y_{w,10}=100$, $Y_m=495_770$													
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	29 548	72.67	-49.25	-46.41	67.67	0.1954	-0.1154	223.2	15 478	36 581	Cm		
6 435	32 560	79.7	-72.59	-21.03	75.57	0.1848	-0.0998	196.1	16 484	42 610			
9 450	32 562	80.47	-93.67	2.31	93.7	0.1737	-0.0873	178.5	18 492	-1 492c			
12 460	33 565	81.35	-110.96	33.48	115.91	0.165	-0.0708	163.2	21 505	-1 505c			
13 465	33 567	82.08	-112.61	45.82	121.57	0.1645	-0.0645	157.8	22 512	-1 512c			
14 470	34 570	83.45	-110.46	59.19	125.32	0.1665	-0.0579	151.8	24 521	-1 521c			
14 475	35 576	85.77	-103.0	63.18	120.84	0.1716	-0.0566	148.4	25 527	-1 527c	Gm		
16 480	36 584	88.23	-90.15	88.01	125.99	0.1793	-0.0451	135.6	28 540	-1 540c			
17 485	42 611	94.16	-52.89	107.38	119.7	0.1993	-0.0384	116.2	31 555	3 416			
18 490	-1 490c	97.36	-24.62	121.29	123.77	0.213	-0.0335	101.4	32 564	11 457			
18 495	-1 494c	97.36	-24.62	121.29	123.77	0.213	-0.0335	101.4	32 564	11 457	Ym		
20 500	-1 500c	95.95	-18.69	133.66	134.96	0.2156	-0.0272	97.9	33 566	12 462			
22 510	-1 510c	93.9	-10.54	142.43	142.82	0.2193	-0.0219	94.2	33 568	13 466			
24 520	-1 520c	91.05	-0.25	144.8	144.8	0.2242	-0.018	90.1	34 571	14 470			
26 530	-1 530c	87.33	11.74	144.52	145.0	0.2302	-0.0147	85.3	34 574	14 473			
28 540	-1 540c	82.69	24.94	139.63	141.84	0.2374	-0.0121	79.8	35 578	15 476			
29 545	-1 545c	80.02	31.75	135.89	139.55	0.2415	-0.0111	76.8	36 580	15 478			
29 550	1 408	80.03	32.62	119.53	123.9	0.242	-0.0245	74.7	36 581	15 478			
31 555	3 415	74.1	47.41	94.81	106.0	0.2517	-0.0344	63.4	37 587	16 480			
31 560	4 424	74.14	51.48	65.5	83.31	0.254	-0.0512	51.8	38 591	16 482			
29 548	1 405	79.24	34.45	120.1	124.95	0.2431	-0.0237	73.9	36 581	15 478	Rm		
32 560	6 435	72.13	61.06	35.9	70.84	0.2604	-0.0676	30.4	42 610	16 484			
32 562	9 450	71.21	74.85	-2.74	74.9	0.269	-0.0901	357.8	-1 492c	18 492			
33 565	12 460	70.1	86.11	-28.85	90.82	0.2764	-0.1057	341.4	-1 505c	21 505			
33 567	13 465	69.16	89.5	-36.15	96.53	0.279	-0.1103	338.0	-1 512c	22 512			
34 570	14 470	67.27	93.79	-43.86	103.55	0.2829	-0.1156	334.9	-1 521c	24 521			
35 576	14 475	63.73	99.75	-49.96	111.56	0.2894	-0.1207	333.3	-1 527c	25 527	Mm		
36 584	16 480	59.4	103.51	-63.35	121.36	0.2958	-0.1317	328.5	-1 540c	28 540			
42 611	17 485	44.75	106.27	-90.46	139.56	0.3154	-0.165	319.5	3 416	31 555			
-1 490c	18 490	31.05	90.0	-115.42	146.36	0.324	-0.2146	307.9	11 457	32 564			
-1 494c	18 495	31.05	90.0	-115.42	146.36	0.324	-0.2146	307.9	11 457	32 564	Bm		
-1 500c	20 500	38.03	60.25	-105.08	121.13	0.2824	-0.1885	299.8	12 462	33 566			
-1 510c	22 510	45.57	29.47	-92.96	97.52	0.2492	-0.1661	287.5	13 466	33 568			
-1 520c	24 520	53.38	0.61	-79.92	79.92	0.2247	-0.1477	270.4	14 470	34 571			
-1 530c	26 530	61.06	-23.26	-66.91	70.84	0.2086	-0.1331	250.8	14 473	34 574			
-1 540c	28 540	68.34	-40.54	-54.48	67.91	0.1993	-0.1217	233.3	15 476	35 578			
-1 545c	29 545	71.74	-46.5	-48.64	67.29	0.1967	-0.117	226.2	15 478	36 580			
1 408	29 550	71.74	-48.09	-47.91	67.89	0.1958	-0.1166	224.8	15 478	36 581			
3 415	31 555	77.96	-56.71	-36.14	67.25	0.1929	-0.1083	212.5	16 480	37 587			
4 424	31 560	77.93	-63.37	-31.81	70.9	0.1892	-0.1059	206.6	16 482	38 591			
380	770	100.0	0.0	0.0	0.0	0.2243	-0.0885	0.0					

input: w/rgb/cmyk -> w/rgb/cmyk-
output: no change

TUB registration: 20130201-SE90/SE90L0NP.PDF /.PS
application for measurement of display output

TUB material: code=rha4ta

see similar files: <http://130.149.60.45/~farbmetrik/SE90/SE90.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

CIE data for all optimal colours of maximum (m) C_{AB} , P00 and $Y_{w,10}=100$, $Y_m=495_770$													
i_1, λ_1	i_2, λ_2	Y_{100}	A_{100}	B_{100}	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	31 558	48.73	-24.05	-16.11	28.95	0.6134	-0.6548	213.8	16 483	37 588	Cm		
7 435	33 565	55.15	-31.28	-5.36	31.73	0.5398	-0.4215	189.7	18 490	-1 490c			
10 450	33 567	55.96	-35.25	2.81	35.37	0.4769	-0.2739	175.4	19 498	-1 498c			
11 460	33 568	57.41	-36.56	5.89	37.04	0.47	-0.2216	170.8	20 502	-1 502c			
13 465	34 570	58.02	-38.07	10.75	39.56	0.4507	-0.1388	164.2	22 513	-1 513c			
14 470	34 572	59.65	-38.41	13.12	40.59	0.463	-0.1042	161.1	24 521	-1 521c			
15 475	35 575	62.11	-38.38	15.39	41.36	0.4889	-0.0763	158.1	25 529	-1 529c	Gm		
16 480	36 581	65.89	-37.54	17.77	41.53	0.5372	-0.0545	154.6	27 538	-1 538c			
17 485	38 591	73.23	-34.08	21.02	40.05	0.6415	-0.0371	148.3	29 548	-1 548c			
18 490	-1 490c	95.36	-9.53	28.86	30.4	1.007	-0.0215	108.2	33 568	11 457			
18 495	-1 494c	95.36	-9.53	28.86	30.4	1.007	-0.0215	108.2	33 568	11 457	Ym		
20 500	-1 500c	92.62	-6.55	28.9	29.64	1.0361	-0.0121	102.7	33 569	12 463			
22 510	-1 510c	88.31	-2.13	28.05	28.13	1.0828	-0.0066	94.3	34 571	13 468			
24 520	-1 520c	82.18	3.6	26.34	26.59	1.1509	-0.0036	82.1	34 574	14 473			
26 530	-1 530c	74.58	9.91	24.03	26.0	1.2399	-0.002	67.5	35 577	15 476			
28 540	-1 540c	66.0	16.0	21.32	26.66	1.3494	-0.0011	53.1	36 581	15 479			
28 545	-1 544c	66.0	16.0	21.32	26.66	1.3494	-0.0011	53.1	36 581	15 479			
29 550	-1 549c	61.49	18.76	19.88	27.33	1.412	-0.0008	46.6	36 582	16 481			
31 555	-1 555c	52.24	23.27	16.9	28.76	1.5525	-0.0005	35.9	37 587	16 483			
32 560	2 410	47.61	25.47	14.72	29.42	1.642	-0.0149	30.0	38 591	16 484			
31 558	1 405	51.26	24.05	16.11	28.95	1.5762	-0.0098	33.8	37 588	16 483	Rm		
33 565	7 435	44.84	31.28	5.36	31.73	1.8045	-0.2045	9.7	-1 490c	18 490			
33 567	10 450	44.03	35.25	-2.81	35.37	1.9076	-0.3881	355.4	-1 498c	19 498			
33 568	11 460	42.58	36.56	-5.89	37.04	1.9656	-0.4626	350.8	-1 502c	20 502			
34 570	13 465	41.97	38.07	-10.75	39.56	2.0142	-0.5806	344.2	-1 513c	22 513			
34 572	14 470	40.34	38.41	-13.12	40.59	2.0592	-0.6495	341.1	-1 521c	24 521			
35 575	15 475	37.88	38.38	-15.39	41.36	2.1204	-0.7307	338.1	-1 529c	25 529	Mm		
36 581	16 480	34.1	37.54	-17.77	41.53	2.2079	-0.8453	334.6	-1 538c	27 538			
38 591	17 485	26.76	34.08	-21.02	40.05	2.3807	-1.11	328.3	-1 548c	29 548			
-1 490c	18 490	4.63	9.53	-28.86	30.4	3.1661	-6.5585	288.2	11 457	33 568			
-1 494c	18 495	4.63	9.53	-28.86	30.4	3.1661	-6.5585	288.2	11 457	33 568	Bm		
-1 500c	20 500	7.37	6.55	-28.9	29.64	1.9964	-4.2445	282.7	12 463	33 569			
-1 510c	22 510	11.68	2.13	-28.05	28.13	1.2895	-2.7253	274.3	13 468	34 571			
-1 520c	24 520	17.81	-3.61	-26.34	26.59	0.9043	-1.8032	262.1	14 473	34 574			
-1 530c	26 530	25.41	-9.91	-24.03	26.0	0.7167	-1.2699	247.5	15 476	35 577			
-1 540c	28 540	33.99	-16.0	-21.32	26.66	0.6361	-0.9517	233.1	15 479	36 581			
-1 544c	28 545	33.99	-16.0	-21.32	26.66	0.6361	-0.9517	233.1	15 479	36 581			
-1 549c	29 550	38.5	-18.76	-19.88	27.33	0.6198	-0.8406	226.6	16 481	36 582			
-1 555c	31 555	47.75	-23.27	-16.9	28.76	0.6195	-0.6782	215.9	16 483	37 587			
2 410	32 560	52.38	-25.47	-14.72	29.42	0.6206	-0.6053	210.0	16 484	38 591			
380	770	100.0	0.0	0.0	0.01	1.1069	-0.3242	0.0					

TUB-test chart SE90; maximum C_{AB} , $Y_m=495_770$
YABCABh & LabCa'b'h data for illuminant P00, $Y_{w,10}=100$

CIE data for all optimal colours of maximum (m) C_{AB} , P00 and $Y_{w,10}=100$, $Y_m=495_770$													
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	31 558	75.29	-70.26	-41.55	81.63	0.1861	-0.0987	210.6	16 483	37 588	Cm		
7 435	33 565	79.13	-87.27	-14.99	88.55	0.1784	-0.0852	189.7	18 490	-1 490c			
10 450	33 567	79.59	-100.82	9.0	101.22	0.1711	-0.0738	174.8	19 498	-1 498c			
11 460	33 568	80.41	-103.2	19.8	105.08	0.1703	-0.0687	169.1	20 502	-1 502c			
13 465	34 570	80.76	-107.9	41.08	115.45	0.1679	-0.0588	159.1	22 513	-1 513c			
14 470	34 572	81.65	-106.11	53.01	118.61	0.1695	-0.0535	153.4	24 521	-1 521c			
15 475	35 575	82.98	-101.69	65.25	120.82	0.1726	-0.0482	147.3	25 529	-1 529c	Gm		
16 480	36 581	84.94	-93.15	77.93	121.46	0.1781	-0.0431	140.0	27 538	-1 538c			
17 485	38 591	88.56	-74.91	92.69	119.18	0.1889	-0.0379	128.9	29 548	-1 548c			
18 490	-1 490c	98.18	-15.28	117.1	118.1	0.2196	-0.0316	97.4	33 568	11 457			
18 495	-1 494c	98.18	-15.28	117.1	118.1	0.2196	-0.0316	97.4	33 568	11 457	Ym		
20 500	-1 500c	97.08	-10.62	129.61	130.05	0.2217	-0.0261	94.6	33 569	12 463			
22 510	-1 510c	95.29	-3.51	139.39	139.44	0.2249	-0.0213	91.4	34 571	13 468			
24 520	-1 520c	92.66	6.11	145.17	145.29	0.2296	-0.0175	87.5	34 574	14 473			
26 530	-1 530c	89.2	17.47	147.98	149.01	0.2353	-0.0143	83.2	35 577	15 476			
28 540	-1 540c	85.0	29.71	143.68	146.72	0.2421	-0.0117	78.3	36 581	15 479			
28 545	-1 544c	85.0	29.71	143.68	146.72	0.2421	-0.0117	78.3	36 581	15 479			
29 550	-1 549c	82.64	35.93	140.4	144.93	0.2458	-0.0108	75.6	36 582	16 481			
31 555	-1 555c	77.43	48.05	132.28	140.74	0.2537	-0.0095	70.0	37 587	16 483			
32 560	2 410	74.58	54.83	100.03	114.08	0.2584	-0.028	61.2	38 591	16 484			
31 558	1 405	76.84	50.01	109.94	120.79	0.2549	-0.0244	65.5	37 588	16 483	Rm		
33 565	7 435	72.79	67.69	21.79	71.11	0.2667	-0.0669	17.8	-1 490c	18 490			
33 567	10 450	72.26	75.65	-9.4	76.23	0.2717	-0.0829	352.9	-1 498c	19 498			
33 568	11 460	71.28	79.33	-18.92	81.56	0.2744	-0.0879	346.5	-1 502c	20 502			
34 570	13 465	70.85	82.65	-32.09	88.67	0.2767	-0.0948	338.7	-1 513c	22 513			
34 572	14 470	69.71	84.91	-38.5	93.23	0.2787	-0.0984	335.6	-1 521c	24 521			
35 575	15 475	67.93	87.5	-45.01	98.4	0.2814	-0.1023	332.7	-1 529c	25 529	Mm		
36 581	16 480	65.05	90.38	-52.57	104.56	0.2853	-0.1074	329.8	-1 538c	27 538			
38 591	17 485	58.76	93.68	-65.35	114.22	0.2925	-0.1177	325.1	-1 548c	29 548			
-1 490c	18 490	25.68	75.25	-123.82	144.89	0.3217	-0.2127	301.2	11 457	33 568			
-1 494c	18 495	25.68	75.25	-123.82	144.89	0.3217	-0.2127	301.2	11 457	33 568	Bm		
-1 500c	20 500	32.66	45.51	-113.75	122.52	0.2758	-0.184	291.8	12 463	33 569			
-1 510c	22 510	40.72	12.75	-101.0	101.8	0.2384	-0.1587	277.1	13 468	34 571			
-1 520c	24 520	49.28	-18.32	-86.83	88.74	0.2118	-0.1383	258.0	14 473	34 574			
-1 530c	26 530	57.48	-42.7	-72.99	84.57	0.196	-0.1231	239.6	15 476	35 577			
-1 540c	28 540	64.96	-58.82	-60.26	84.21	0.1884	-0.1118	225.6	15 479	36 581			
-1 544c	28 545	64.96	-58.82	-60.26	84.21	0.1884	-0.1118	225.6	15 479	36 581			
-1 549c	29 550	68.4	-63.93	-54.37	83.92	0.1868	-0.1072	220.3	16 481	36 582			
-1 555c	31 555	74.67	-68.72	-43.6	81.39	0.1867	-0.0998	212.3	16 483	37 587			
2 410	32 560	77.51	-70.69	-37.29	79.92	0.1868	-0.0961	207.8	16 484	38 591			
380	770	100.0	0.0	0.0	0.0	0.2266	-0.078	0.0					

see similar files: <http://130.149.60.45/~farbmetrik/SE90/SE90.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

CIE data for all optimal colours of maximum (m) C_{AB} , Q00 and $Y_{w,10}=100$, $Y_m=495_770$													
i_1, λ_1	i_2, λ_2	Y_{100}	A_{100}	B_{100}	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	29 548	45.62	-16.76	-24.97	30.07	0.7088	-1.0231	236.1	15 478	36 582	Cm		
6 435	32 560	56.57	-27.84	-9.68	29.48	0.584	-0.647	199.1	17 485	45 625			
10 450	32 562	57.62	-35.97	6.57	36.57	0.4518	-0.3617	169.6	19 496	-1 496c			
12 460	33 565	59.38	-39.18	14.7	41.85	0.4165	-0.2281	159.4	21 506	-1 506c			
12 465	33 567	61.13	-39.44	15.53	42.39	0.4309	-0.2216	158.5	21 508	-1 508c			
14 470	34 570	63.18	-40.86	22.1	46.46	0.4295	-0.1259	151.5	24 522	-1 522c			
15 475	35 576	66.91	-40.74	25.87	48.26	0.4674	-0.0892	147.5	26 531	-1 531c	Gm		
16 480	37 585	72.71	-39.02	30.14	49.31	0.5396	-0.0612	142.3	28 540	-1 540c			
17 485	42 613	86.49	-27.81	37.84	46.96	0.7547	-0.0383	126.3	31 555	3 416			
18 490	-1 490c	93.71	-15.52	42.13	44.9	0.9105	-0.0262	110.2	32 564	11 455			
19 495	-1 495c	92.2	-13.92	42.06	44.31	0.9252	-0.0195	108.3	32 564	11 458	Ym		
20 500	-1 500c	90.31	-11.94	41.67	43.34	0.944	-0.0144	105.9	33 565	12 461			
22 510	-1 510c	85.16	-6.81	39.87	40.45	0.9962	-0.0076	99.6	33 568	13 466			
24 520	-1 520c	78.09	-0.4	36.83	36.83	1.071	-0.0041	90.6	34 571	14 470			
25 530	-1 529c	73.99	2.99	34.98	35.11	1.1167	-0.003	85.1	34 573	14 472			
28 540	-1 540c	60.41	12.62	28.67	31.33	1.2852	-0.0012	66.2	35 579	15 476			
28 545	-1 544c	60.41	12.62	28.67	31.33	1.2852	-0.0012	66.2	35 579	15 476			
29 550	1 408	55.7	16.14	25.5	30.18	1.366	-0.018	57.6	36 581	15 478			
31 555	3 415	46.3	21.45	19.98	29.32	1.5396	-0.0442	42.9	37 588	16 481			
31 560	4 424	46.36	23.84	16.51	29.0	1.5906	-0.1195	34.7	38 594	16 482			
29 548	1 405	54.37	16.76	24.97	30.07	1.3845	-0.0165	56.1	36 582	15 478	Rm		
32 560	6 435	43.42	27.84	9.68	29.48	1.7174	-0.2527	19.1	45 625	17 485			
32 562	10 450	42.37	35.97	-6.57	36.57	1.9253	-0.6309	349.6	-1 496c	19 496			
33 565	12 460	40.61	39.18	-14.7	41.85	2.041	-0.8379	339.4	-1 506c	21 506			
33 567	12 465	38.86	39.44	-15.53	42.39	2.0912	-0.8754	338.5	-1 508c	21 508			
34 570	14 470	36.81	40.86	-22.1	46.46	2.1863	-1.0762	331.5	-1 522c	24 522			
35 576	15 475	33.08	40.74	-25.87	48.26	2.3079	-1.2578	327.5	-1 531c	26 531	Mm		
37 585	16 480	27.28	39.02	-30.14	49.31	2.5066	-1.5808	322.3	-1 540c	28 540			
42 613	17 485	13.5	27.81	-37.84	46.96	3.1353	-3.2773	306.3	3 416	31 555			
-1 490c	18 490	6.28	15.52	-42.13	44.9	3.5462	-7.1782	290.2	11 455	32 564			
-1 495c	19 495	7.79	13.92	-42.06	44.3	2.8615	-5.8696	288.3	11 458	32 564	Bm		
-1 500c	20 500	9.68	11.94	-41.66	43.34	2.3099	-4.7793	285.9	12 461	33 565			
-1 510c	22 510	14.83	6.81	-39.87	40.45	1.5357	-3.1641	279.6	13 466	33 568			
-1 520c	24 520	21.9	0.4	-36.83	36.83	1.0947	-2.1576	270.6	14 470	34 571			
-1 529c	25 530	26.0	-2.99	-34.98	35.11	0.9611	-1.8213	265.1	14 472	34 573			
-1 540c	28 540	39.58	-12.62	-28.67	31.33	0.7572	-1.2003	246.2	15 476	35 579			
-1 544c	28 545	39.58	-12.62	-28.67	31.33	0.7572	-1.2003	246.2	15 476	35 579			
1 408	29 550	44.29	-16.14	-25.5	30.18	0.7118	-1.0515	237.6	15 478	36 581			
3 415	31 555	53.69	-21.45	-19.98	29.32	0.6767	-0.8479	222.9	16 481	37 588			
4 424	31 560	53.63	-23.84	-16.51	29.0	0.6316	-0.7836	214.7	16 482	38 594			
380	770	100.0	0.0	0.0	0.01	1.0762	-0.4758	0.0					

TUB-test chart SE90; maximum C_{AB} , $Y_m=495_770$
YABCABh & LabCa'b'h data for illuminant Q00, $Y_{w,10}=100$

CIE data for all optimal colours of maximum (m) C_{AB} , Q00 and $Y_{w,10}=100$, $Y_m=495_770$													
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	29 548	73.3	-50.01	-44.76	67.11	0.1953	-0.1145	221.8	15 478	36 582	Cm		
6 435	32 560	79.94	-76.22	-17.84	78.28	0.1831	-0.0983	193.1	17 485	45 625			
10 450	32 562	80.53	-104.49	14.53	105.5	0.1681	-0.0809	172.0	19 496	-1 496c			
12 460	33 565	81.5	-113.98	36.51	119.69	0.1636	-0.0694	162.2	21 506	-1 506c			
12 465	33 567	82.45	-111.56	38.14	117.9	0.1654	-0.0688	161.1	21 508	-1 508c			
14 470	34 570	83.54	-113.14	61.4	128.73	0.1653	-0.0569	151.5	24 522	-1 522c			
15 475	35 576	85.46	-106.13	74.79	129.83	0.17	-0.0507	144.8	26 531	-1 531c	Gm		
16 480	37 585	88.31	-92.41	89.03	128.32	0.1783	-0.0448	136.0	28 540	-1 540c			
17 485	42 613	94.52	-53.15	108.23	120.58	0.1994	-0.0383	116.1	31 555	3 416			
18 490	-1 490c	97.52	-26.51	121.21	124.07	0.2123	-0.0337	102.3	32 564	11 455			
19 495	-1 495c	96.9	-23.91	127.4	129.63	0.2134	-0.0306	100.6	32 564	11 458	Ym		
20 500	-1 500c	96.13	-20.66	132.94	134.54	0.2149	-0.0276	98.8	33 565	12 461			
22 510	-1 510c	93.95	-12.04	141.63	142.15	0.2188	-0.0223	94.8	33 568	13 466			
24 520	-1 520c	90.82	-0.74	143.98	143.99	0.2241	-0.0182	90.2	34 571	14 470			
25 530	-1 529c	88.92	5.59	144.54	144.65	0.2273	-0.0164	87.7	34 573	14 472			
28 540	-1 540c	82.07	25.75	138.65	141.02	0.2382	-0.0121	79.4	35 579	15 476			
28 545	-1 544c	82.07	25.75	138.65	141.02	0.2382	-0.0121	79.4	35 579	15 476			
29 550	1 408	79.45	34.02	109.18	114.36	0.2431	-0.0298	72.6	36 581	15 478			
31 555	3 415	73.74	49.02	84.6	97.78	0.2529	-0.0401	59.9	37 588	16 481			
31 560	4 424	73.78	53.81	57.08	78.45	0.2557	-0.056	46.6	38 594	16 482			
29 548	1 405	78.68	35.74	109.89	115.55	0.2442	-0.0289	71.9	36 582	15 478	Rm		
32 560	6 435	71.85	63.82	28.78	70.01	0.2623	-0.0718	24.2	45 625	17 485			
32 562	10 450	71.13	80.33	-14.81	81.69	0.2725	-0.0975	349.5	-1 496c	19 496			
33 565	12 460	69.91	88.03	-30.74	93.24	0.2779	-0.1071	340.7	-1 506c	21 506			
33 567	12 465	68.66	90.42	-32.89	96.22	0.2801	-0.1087	340.0	-1 508c	21 508			
34 570	14 470	67.14	95.48	-44.81	105.47	0.2843	-0.1164	334.8	-1 522c	24 522			
35 576	15 475	64.23	100.11	-52.93	113.24	0.2895	-0.1227	332.1	-1 531c	26 531	Mm		
37 585	16 480	59.24	105.55	-63.83	123.35	0.2976	-0.1324	328.8	-1 540c	28 540			
42 613	17 485	43.53	109.82	-92.6	143.65	0.3206	-0.1688	319.8	3 416	31 555			
-1 490c	18 490	30.14	96.97	-116.93	151.91	0.3341	-0.2192	309.6	11 455	32 564			
-1 495c	19 495	33.58	82.27	-111.96	138.94	0.311	-0.205	306.3	11 458	32 564	Bm		
-1 500c	20 500	37.28	66.53	-106.29	125.39	0.2896	-0.1914	302.0	12 461	33 565			
-1 510c	22 510	45.41	33.28	-93.19	98.96	0.2527	-0.1668	289.6	13 466	33 568			
-1 520c	24 520	53.93	1.71	-78.97	78.99	0.2258	-0.1468	271.2	14 470	34 571			
-1 529c	25 530	58.04	-11.8	-72.02	72.98	0.2162	-0.1388	260.6	14 472	34 573			
-1 540c	28 540	69.17	-40.58	-53.04	66.78	0.1997	-0.1208	232.5	15 476	35 579			
-1 544c	28 545	69.17	-40.58	-53.04	66.78	0.1997	-0.1208	232.5	15 476	35 579			
1 408	29 550	72.43	-49.05	-46.12	67.33	0.1956	-0.1156	223.2	15 478	36 581			
3 415	31 555	78.29	-58.22	-34.52	67.69	0.1923	-0.1075	210.6	16 481	37 588			
4 424	31 560	78.25	-66.1	-29.4	72.34	0.1879	-0.1048	203.9	16 482	38 594			
380	770	100.0	0.0	0.0	0.0	0.2245	-0.0887	0.0					