

see similar files: <http://130.149.60.45/~farbmetrik/SN67/SN67.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 $Y_w=88,6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$Y_{88.6}$	$A_{88.6}$	$B_{88.6}$	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
0 405	32 561	51.56	-20.15	-15.85	25.64	0.5596	-0.743	218.1	16 483	37 589	Cm		
6 435	32 562	52.08	-23.73	-8.75	25.29	0.4948	-0.6036	200.2	17 486	42 610			
10 450	32 563	52.64	-29.71	4.36	30.03	0.3859	-0.3525	171.6	19 496	-1 496c			
12 460	33 565	53.43	-32.29	11.21	34.18	0.3461	-0.2256	160.8	21 505	-1 505c			
12 465	33 567	54.62	-32.47	11.73	34.52	0.356	-0.2207	160.1	21 506	-1 506c			
14 470	33 569	55.56	-33.79	17.12	37.88	0.3422	-0.1274	153.1	24 520	-1 520c			
15 475	34 573	57.84	-33.91	19.9	39.33	0.364	-0.0913	149.5	25 528	-1 528c	Gm		
16 480	36 580	61.97	-33.2	23.07	40.43	0.4146	-0.0632	145.2	27 537	-1 537c			
17 485	39 595	69.76	-29.0	27.46	39.94	0.5347	-0.0418	136.5	29 548	-1 548c			
18 490	-1 490c	83.1	-10.68	34.02	35.66	0.8218	-0.0261	107.4	33 565	11 459			
19 495	-1 495c	81.77	-9.46	34.01	35.3	0.8346	-0.0195	105.5	33 566	12 462			
20 500	-1 500c	80.1	-7.9	33.73	34.64	0.8518	-0.0144	103.1	33 567	12 464			
22 510	-1 510c	75.54	-3.68	32.32	32.53	0.9016	-0.0076	96.5	33 569	13 469			
23 520	-1 519c	72.63	-1.11	31.22	31.24	0.935	-0.0056	92.0	34 570	14 471	Ym		
25 530	-1 529c	65.59	4.57	28.36	28.73	1.0201	-0.0031	80.8	34 573	15 475			
27 540	-1 539c	57.49	10.25	24.94	26.97	1.1288	-0.0016	67.6	35 577	15 478			
28 545	-1 544c	53.27	12.85	23.13	26.46	1.1917	-0.0012	60.9	35 579	15 479			
29 550	-1 549c	48.96	15.22	21.27	26.16	1.2613	-0.0009	54.4	36 582	16 480			
30 555	-1 554c	44.65	17.27	19.41	25.98	1.3372	-0.0007	48.3	36 584	16 481			
32 560	-1 560c	36.33	20.2	15.8	25.64	1.5064	-0.0005	38.0	37 589	16 483			
32 561	0 405	48.43	20.15	15.85	25.64	1.3665	-0.1081	38.1	37 589	16 483	Rm		
32 562	6 435	47.91	23.73	8.75	25.29	1.4458	-0.2528	20.2	42 610	17 486			
32 563	10 450	47.35	29.71	-4.36	30.03	1.5779	-0.5277	351.6	-1 496c	19 496			
33 565	12 460	46.56	32.29	-11.21	34.18	1.6439	-0.6765	340.8	-1 505c	21 505			
33 567	12 465	45.37	32.47	-11.73	34.52	1.666	-0.6942	340.1	-1 506c	21 506			
33 569	14 470	44.43	33.79	-17.12	37.88	1.711	-0.8209	333.1	-1 520c	24 520			
34 573	15 475	42.15	33.91	-19.9	39.33	1.755	-0.9078	329.5	-1 528c	25 528	Mm		
36 580	16 480	38.02	33.2	-23.07	40.43	1.8237	-1.0424	325.2	-1 537c	27 537			
39 595	17 485	30.23	29.0	-27.46	39.94	1.9097	-1.3442	316.5	-1 548c	29 548			
-1 490c	18 490	16.89	10.68	-34.02	35.66	1.5831	-2.4491	287.4	11 459	33 565			
-1 495c	19 495	18.22	9.46	-34.01	35.3	1.4699	-2.3016	285.5	12 462	33 566			
-1 500c	20 500	19.89	7.9	-33.73	34.64	1.3475	-2.1309	283.1	12 464	33 567			
-1 510c	22 510	24.45	3.68	-32.32	32.53	1.101	-1.7576	276.5	13 469	33 569			
-1 519c	23 520	27.36	1.11	-31.22	31.24	0.9912	-1.5765	272.0	14 471	34 570	Bm		
-1 529c	25 530	34.4	-4.57	-28.36	28.73	0.8175	-1.2601	260.8	15 475	34 573			
-1 539c	27 540	42.5	-10.25	-24.94	26.97	0.7091	-1.0225	247.6	15 478	35 577			
-1 544c	28 545	46.72	-12.85	-23.13	26.46	0.6753	-0.9306	240.9	15 479	35 579			
-1 549c	29 550	51.03	-15.22	-21.27	26.16	0.6522	-0.8524	234.4	16 480	36 582			
-1 554c	30 555	55.34	-17.27	-19.41	25.98	0.6383	-0.7863	228.3	16 481	36 584			
-1 560c	32 560	63.66	-20.2	-15.8	25.64	0.6331	-0.6837	218.0	16 483	37 589			
380	770	88.59	0.0	0.0	0.01	0.9504	-0.4355	0.0					

CIE data for all optimal colours of maximum (m) C _{AB} , D65 and Y _w =88,6, Y _m =520_770													
i ₁ , λ ₁	i ₂ , λ ₂	L* _{88.6}	a* _{88.6}	b* _{88.6}	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code		
0 405	32 561	77.02	-64.87	-31.25	72.01	0.1805	-0.1029	205.7	16 483	37 589	Cm		
6 435	32 562	77.34	-78.65	-18.49	80.79	0.1732	-0.096	193.2	17 486	42 610			
10 450	32 563	77.66	-104.74	10.98	105.32	0.1595	-0.0803	174.0	19 496	-1 496c			
12 460	33 565	78.13	-115.96	31.94	120.28	0.1538	-0.0692	164.5	21 505	-1 505c			
12 465	33 567	78.83	-114.06	33.13	118.77	0.1552	-0.0687	163.8	21 506	-1 506c			
14 470	33 569	79.37	-118.58	55.25	130.82	0.1532	-0.0572	155.0	24 520	-1 520c			
15 475	34 573	80.65	-114.03	67.6	132.56	0.1564	-0.0512	149.3	25 528	-1 528c	Gm		
16 480	36 580	82.9	-102.97	80.87	130.93	0.1633	-0.0452	141.8	27 537	-1 537c			
17 485	39 595	86.88	-77.35	96.11	123.37	0.1778	-0.0394	128.8	29 548	-1 548c			
18 490	-1 490c	93.06	-22.24	114.34	116.48	0.2052	-0.0337	101.0	33 565	11 459			
19 495	-1 495c	92.47	-19.81	120.45	122.06	0.2062	-0.0306	99.3	33 566	12 462			
20 500	-1 500c	91.73	-16.65	125.95	127.04	0.2076	-0.0277	97.5	33 567	12 464			
22 510	-1 510c	89.65	-7.92	134.61	134.84	0.2116	-0.0224	93.3	33 569	13 469			
23 520	-1 519c	88.27	-2.43	137.31	137.33	0.2142	-0.0202	91.0	34 570	14 471	Ym		
25 530	-1 529c	84.79	10.36	138.25	138.64	0.2205	-0.0165	85.7	34 573	15 475			
27 540	-1 539c	80.46	24.53	135.02	137.23	0.2281	-0.0134	79.7	35 577	15 478			
28 545	-1 544c	78.04	31.74	131.99	135.75	0.2322	-0.0121	76.4	35 579	15 479			
29 550	-1 549c	75.43	38.97	128.25	134.04	0.2367	-0.0111	73.0	36 582	16 480			
30 555	-1 554c	72.66	46.06	123.97	132.25	0.2413	-0.0103	69.6	36 584	16 481			
32 560	-1 560c	66.77	59.19	114.35	128.76	0.2511	-0.0093	62.6	37 589	16 483			
32 561	0 405	75.1	50.51	58.31	77.15	0.2431	-0.0541	49.1	37 589	16 483	Rm		
32 562	6 435	74.77	58.71	25.94	64.18	0.2477	-0.0718	23.8	42 610	17 486			
32 563	10 450	74.42	71.74	-10.3	72.47	0.255	-0.0918	351.8	-1 496c	19 496			
33 565	12 460	73.91	77.65	-24.5	81.42	0.2585	-0.0997	342.4	-1 505c	21 505			
33 567	12 465	73.14	79.04	-25.83	83.15	0.2597	-0.1006	341.9	-1 506c	21 506			
33 569	14 470	72.52	82.59	-35.89	90.05	0.262	-0.1064	336.5	-1 520c	24 520			
34 573	15 475	70.98	85.03	-41.59	94.66	0.2642	-0.11	333.9	-1 528c	25 528	Mm		
36 580	16 480	68.04	87.88	-48.91	100.57	0.2676	-0.1152	330.9	-1 537c	27 537			
39 595	17 485	61.86	87.86	-61.19	107.07	0.2718	-0.1254	325.1	-1 548c	29 548			
-1 490c	18 490	48.14	51.23	-86.03	100.13	0.2553	-0.1532	300.7	11 459	33 565			
-1 495c	19 495	49.78	44.33	-84.1	95.07	0.2491	-0.15	297.7	12 462	33 566			
-1 500c	20 500	51.73	36.01	-81.43	89.04	0.242	-0.1462	293.8	12 464	33 567			
-1 510c	22 510	56.54	15.71	-74.03	75.68	0.2262	-0.1371	281.9	13 469	33 569			
-1 519c	23 520	59.32	4.57	-69.51	69.66	0.2184	-0.1323	273.7	14 471	34 570	Bm		
-1 529c	25 530	65.28	-17.14	-59.54	61.96	0.2048	-0.1227	253.9	15 475	34 573			
-1 539c	27 540	71.22	-34.96	-49.47	60.58	0.1953	-0.1145	234.7	15 478	35 577			
-1 544c	28 545	74.02	-41.75	-44.69	61.16	0.1922	-0.1109	226.9	15 479	35 579			
-1 549c	29 550	76.7	-47.12	-40.09	61.87	0.19	-0.1077	220.3	16 480	36 582			
-1 554c	30 555	79.24	-51.0	-35.73	62.27	0.1886	-0.1049	215.0	16 481	36 584			
-1 560c	32 560	83.79	-54.46	-27.9	61.19	0.1881	-0.1001	207.1	16 483	37 589			
380	770	95.41	0.0	0.0	0.0	0.2154	-0.0861	0.0					

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CIE data for all optimal colours of maximum (m) C_{AB} , D50 and $Y_w=88,6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$Y_{88.6}$	$A_{88.6}$	$B_{88.6}$	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	32 564	51.21	-23.13	-12.01	26.07	0.5124	-0.5646	207.4	17 486	38 592	Cm		
7 435	33 565	51.54	-26.37	-5.49	26.93	0.4526	-0.4365	191.7	18 490	46 634			
10 450	33 566	51.98	-29.72	2.1	29.79	0.3925	-0.2895	175.9	19 497	-1 497c			
12 460	33 567	52.53	-31.63	7.31	32.46	0.3621	-0.1907	166.9	21 506	-1 506c			
13 465	33 568	53.11	-32.33	9.67	33.74	0.3555	-0.1478	163.3	22 511	-1 511c			
14 470	34 570	54.07	-32.77	11.8	34.83	0.3581	-0.1117	160.1	23 519	-1 519c			
15 475	34 573	55.72	-32.85	13.81	35.64	0.3745	-0.0821	157.2	25 527	-1 527c	Gm		
15 480	35 578	59.28	-32.7	14.98	35.97	0.4125	-0.0772	155.3	26 531	-1 531c			
17 485	37 587	64.0	-30.41	18.52	35.6	0.489	-0.0405	148.6	28 544	-1 544c			
18 490	44 620	77.97	-17.06	23.76	29.25	0.7454	-0.0251	125.6	32 561	-1 561c			
19 495	-1 495c	82.96	-6.37	25.91	26.68	0.8874	-0.0176	103.8	33 568	12 463			
20 500	-1 500c	81.49	-4.96	25.81	26.29	0.9033	-0.0131	100.8	33 569	13 466			
22 510	-1 510c	77.37	-1.09	24.98	25.0	0.95	-0.0071	92.5	34 571	14 471			
23 520	-1 519c	74.67	1.31	24.24	24.28	0.9818	-0.0053	86.8	34 572	14 473	Ym		
25 530	-1 529c	68.03	6.77	22.25	23.26	1.0637	-0.0029	73.0	35 575	15 477			
27 540	-1 539c	60.24	12.35	19.78	23.32	1.1692	-0.0015	58.0	35 579	16 480			
28 545	-1 544c	56.11	14.94	18.45	23.74	1.2304	-0.0011	50.9	36 581	16 481			
29 550	-1 549c	51.87	17.32	17.07	24.32	1.2983	-0.0009	44.5	36 583	16 483			
30 555	-1 554c	47.59	19.42	15.67	24.96	1.3724	-0.0007	38.8	37 585	16 484			
32 560	-1 560c	39.22	22.48	12.92	25.93	1.5375	-0.0005	29.8	38 590	17 486			
32 564	1 405	48.78	23.13	12.01	26.07	1.4385	-0.0836	27.4	38 592	17 486	Rm		
33 565	7 435	48.45	26.37	5.49	26.93	1.5084	-0.2166	11.7	46 634	18 490			
33 566	10 450	48.01	29.72	-2.1	29.79	1.5832	-0.3738	355.9	-1 497c	19 497			
33 567	12 460	47.46	31.63	-7.31	32.46	1.6306	-0.4841	346.9	-1 506c	21 506			
33 568	13 465	46.88	32.33	-9.67	33.74	1.6538	-0.5362	343.3	-1 511c	22 511			
34 570	14 470	45.92	32.77	-11.8	34.83	1.6779	-0.5869	340.1	-1 519c	23 519			
34 573	15 475	44.27	32.85	-13.81	35.64	1.7062	-0.6419	337.2	-1 527c	25 527	Mm		
35 578	15 480	40.71	32.7	-14.98	35.97	1.7673	-0.6979	335.3	-1 531c	26 531			
37 587	17 485	35.99	30.41	-18.52	35.6	1.809	-0.8444	328.6	-1 544c	28 544			
44 620	18 490	22.02	17.06	-23.76	29.25	1.739	-1.4092	305.6	-1 561c	32 561			
-1 495c	19 495	17.03	6.37	-25.91	26.68	1.3382	-1.8515	283.8	12 463	33 568			
-1 500c	20 500	18.5	4.96	-25.81	26.29	1.2322	-1.7248	280.8	13 466	33 569			
-1 510c	22 510	22.62	1.09	-24.98	25.0	1.0125	-1.434	272.5	14 471	34 571			
-1 519c	23 520	25.32	-1.31	-24.24	24.28	0.9122	-1.2875	266.8	14 473	34 572	Bm		
-1 529c	25 530	31.96	-6.77	-22.25	23.26	0.7523	-1.0261	253.0	15 477	35 575			
-1 539c	27 540	39.75	-12.35	-19.78	23.32	0.6535	-0.8276	238.0	16 480	35 579			
-1 544c	28 545	43.88	-14.94	-18.45	23.74	0.6237	-0.7504	230.9	16 481	36 581			
-1 549c	29 550	48.12	-17.32	-17.07	24.32	0.6041	-0.6846	224.5	16 483	36 583			
-1 554c	30 555	52.4	-19.42	-15.67	24.96	0.5934	-0.6289	218.8	16 484	37 585			
-1 560c	32 560	60.77	-22.48	-12.92	25.93	0.5942	-0.5425	209.8	17 486	38 590			
380	770	88.59	0.0	0.0	0.01	0.9642	-0.3299	0.0					

TUB-test chart SN67; maximum C_{AB} , $Y_m=520_770$
YABCABh & LabCa'b'h data for illuminant D50, $Y_w=88,6$

CIE data for all optimal colours of maximum (m) C_{AB} , D50 and $Y_w=88,6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$L^*_{88.6}$	$a^*_{88.6}$	$b^*_{88.6}$	C^*_{ab}	a'	b'	h_{ab}	i_d, λ_d	i_c, λ_c	Code		
1 405	32 564	76.81	-75.99	-31.37	82.21	0.1753	-0.0939	202.4	17 486	38 592	Cm		
7 435	33 565	77.01	-89.31	-15.67	90.68	0.1682	-0.0862	189.9	18 490	46 634			
10 450	33 566	77.27	-104.05	6.86	104.28	0.1604	-0.0752	176.2	19 497	-1 497c			
12 460	33 567	77.6	-112.34	26.94	115.53	0.1561	-0.0654	166.5	21 506	-1 506c			
13 465	33 568	77.94	-114.54	38.01	120.68	0.1552	-0.0601	161.6	22 511	-1 511c			
14 470	34 570	78.51	-114.5	49.34	124.68	0.1555	-0.0547	156.6	23 519	-1 519c			
15 475	34 573	79.46	-111.21	61.04	126.86	0.1579	-0.0494	151.2	25 527	-1 527c	Gm		
15 480	35 578	81.45	-103.49	64.45	121.92	0.1631	-0.0484	148.0	26 531	-1 531c			
17 485	37 587	83.97	-87.25	86.61	122.94	0.1726	-0.039	135.2	28 544	-1 544c			
18 490	44 620	90.77	-37.83	105.97	112.52	0.1986	-0.0333	109.6	32 561	-1 561c			
19 495	-1 495c	93.0	-12.81	117.07	117.77	0.2105	-0.0295	96.2	33 568	12 463			
20 500	-1 500c	92.35	-10.04	122.92	123.33	0.2118	-0.0268	94.6	33 569	13 466			
22 510	-1 510c	90.49	-2.25	132.38	132.4	0.2153	-0.0218	90.9	34 571	14 471			
23 520	-1 519c	89.24	2.74	135.53	135.56	0.2177	-0.0198	88.8	34 572	14 473	Ym		
25 530	-1 529c	86.03	14.63	140.55	141.31	0.2236	-0.0162	84.0	35 575	15 477			
27 540	-1 539c	81.97	28.02	137.63	140.46	0.2308	-0.0132	78.4	35 579	16 480			
28 545	-1 544c	79.68	34.91	134.8	139.25	0.2347	-0.012	75.4	36 581	16 481			
29 550	-1 549c	77.21	41.87	131.28	137.79	0.239	-0.011	72.3	36 583	16 483			
30 555	-1 554c	74.57	48.74	127.21	136.23	0.2434	-0.0102	69.0	37 585	16 484			
32 560	-1 560c	68.91	61.58	118.0	133.1	0.2528	-0.0092	62.4	38 590	17 486			
32 564	1 405	75.32	56.14	57.79	80.57	0.2473	-0.0497	45.8	38 592	17 486	Rm		
33 565	7 435	75.11	63.17	20.55	66.43	0.2512	-0.0682	18.0	46 634	18 490			
33 566	10 450	74.83	70.36	-6.64	70.68	0.2553	-0.0818	354.6	-1 497c	19 497			
33 567	12 460	74.49	74.64	-21.26	77.61	0.2578	-0.0892	344.1	-1 506c	21 506			
33 568	13 465	74.12	76.52	-27.29	81.24	0.2591	-0.0923	340.3	-1 511c	22 511			
34 570	14 470	73.5	78.22	-32.65	84.77	0.2603	-0.0951	337.3	-1 519c	23 519			
34 573	15 475	72.42	79.85	-37.84	88.36	0.2618	-0.098	334.6	-1 527c	25 527	Mm		
35 578	15 480	69.98	82.93	-42.04	92.98	0.2649	-0.1008	333.1	-1 531c	26 531			
37 587	17 485	66.52	82.99	-52.32	98.11	0.2669	-0.1074	327.7	-1 544c	28 544			
44 620	18 490	54.06	65.57	-75.16	99.75	0.2634	-0.1274	311.1	-1 561c	32 561			
-1 495c	19 495	48.31	31.99	-86.12	91.87	0.2414	-0.1395	290.3	12 463	33 568			
-1 500c	20 500	50.12	24.26	-83.81	87.25	0.2348	-0.1363	286.1	13 466	33 569			
-1 510c	22 510	54.69	5.0	-76.99	77.16	0.22	-0.1281	273.7	14 471	34 571			
-1 519c	23 520	57.39	-5.78	-72.65	72.88	0.2124	-0.1236	265.4	14 473	34 572	Bm		
-1 529c	25 530	63.31	-27.13	-62.84	68.45	0.1992	-0.1146	246.6	15 477	35 575			
-1 539c	27 540	69.3	-44.69	-52.73	69.12	0.1901	-0.1067	229.7	16 480	35 579			
-1 544c	28 545	72.15	-51.34	-47.87	70.2	0.1872	-0.1033	222.9	16 481	36 581			
-1 549c	29 550	74.91	-56.53	-43.16	71.12	0.1852	-0.1001	217.3	16 483	36 583			
-1 554c	30 555	77.52	-60.2	-38.67	71.55	0.1841	-0.0974	212.7	16 484	37 585			
-1 560c	32 560	82.26	-63.09	-30.54	70.09	0.1842	-0.0927	205.8	17 486	38 590			
380	770	95.41	0.0	0.0	0.0	0.2164	-0.0785	0.0					

see similar files: <http://130.149.60.45/~farbmetrik/SN67/SN67.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 $Y_w=88,6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$Y_{88.6}$	$A_{88.6}$	$B_{88.6}$	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
0 405	33 568	50.12	-25.11	-9.79	26.95	0.5083	-0.4542	201.3	17 488	38 594	Cm		
7 435	33 568	50.37	-27.92	-4.14	28.22	0.455	-0.3411	188.4	18 493	54 674			
10 450	33 569	50.74	-30.4	1.4	30.43	0.4101	-0.2309	177.3	19 499	-1 499c			
12 460	34 570	51.2	-31.78	5.21	32.21	0.3884	-0.1569	170.6	21 507	-1 507c			
13 465	34 571	51.65	-32.25	6.97	33.0	0.3848	-0.1237	167.7	22 512	-1 512c			
14 470	34 572	52.42	-32.54	8.56	33.65	0.3884	-0.0953	165.2	23 519	-1 519c			
14 475	34 574	54.15	-32.7	9.01	33.92	0.4054	-0.0923	164.5	24 522	-1 522c	Gm		
15 480	35 578	56.54	-32.56	10.77	34.3	0.4332	-0.0682	161.6	26 531	-1 531c			
17 485	37 585	60.26	-31.09	13.33	33.83	0.4932	-0.0374	156.7	28 543	-1 543c			
17 490	40 600	70.01	-26.08	15.85	30.52	0.6366	-0.0323	148.7	30 554	-1 554c			
19 495	-1 495c	84.05	-4.59	20.45	20.95	0.9546	-0.0154	102.6	34 571	12 464			
20 500	-1 500c	82.78	-3.32	20.45	20.72	0.9691	-0.0116	99.2	34 571	13 467			
21 510	-1 509c	81.16	-1.71	20.3	20.37	0.9882	-0.0086	94.8	34 572	13 469			
24 520	-1 520c	73.89	5.05	18.85	19.52	1.0777	-0.0035	74.9	35 575	15 476	Ym		
26 530	-1 530c	67.28	10.44	17.27	20.19	1.1646	-0.0019	58.8	35 578	16 480			
27 540	-1 539c	63.58	13.15	16.36	20.99	1.2161	-0.0014	51.1	36 580	16 481			
29 545	-1 545c	55.69	18.2	14.36	23.19	1.3362	-0.0008	38.2	36 584	16 484			
29 550	-1 549c	55.69	18.2	14.36	23.19	1.3362	-0.0008	38.2	36 584	16 484			
31 555	-1 555c	47.4	22.3	12.23	25.44	1.4798	-0.0005	28.7	37 588	17 486			
32 560	-1 560c	43.22	23.82	11.16	26.31	1.5605	-0.0005	25.1	38 591	17 487			
33 568	0 405	49.87	25.11	9.8	26.95	1.5129	-0.0622	21.3	38 594	17 488	Rm		
33 568	7 435	49.62	27.92	4.14	28.22	1.5719	-0.1751	8.4	54 674	18 493			
33 569	10 450	49.25	30.4	-1.4	30.43	1.6265	-0.2873	357.3	-1 499c	19 499			
34 570	12 460	48.79	31.78	-5.21	32.21	1.6606	-0.3656	350.6	-1 507c	21 507			
34 571	13 465	48.34	32.25	-6.97	33.0	1.6765	-0.403	347.7	-1 512c	22 512			
34 572	14 470	47.57	32.54	-8.56	33.65	1.6934	-0.4388	345.2	-1 519c	23 519			
34 574	14 475	45.84	32.7	-9.01	33.92	1.7225	-0.4553	344.5	-1 522c	24 522	Mm		
35 578	15 480	43.45	32.56	-10.77	34.3	1.7587	-0.5066	341.6	-1 531c	26 531			
37 585	17 485	39.73	31.09	-13.33	33.83	1.7918	-0.5943	336.7	-1 543c	28 543			
40 600	17 490	29.98	26.08	-15.85	30.52	1.8794	-0.7875	328.7	-1 554c	30 554			
-1 495c	19 495	15.94	4.59	-20.44	20.95	1.2972	-1.5411	282.6	12 464	34 571			
-1 500c	20 500	17.21	3.32	-20.45	20.72	1.2023	-1.447	279.2	13 467	34 571			
-1 509c	21 510	18.83	1.71	-20.3	20.37	1.1002	-1.3368	274.8	13 469	34 572			
-1 520c	24 520	26.1	-5.05	-18.85	19.52	0.8155	-0.9812	254.9	15 476	35 575	Bm		
-1 530c	26 530	32.71	-10.44	-17.27	20.19	0.6899	-0.7867	238.8	16 480	35 578			
-1 539c	27 540	36.41	-13.15	-16.36	20.99	0.648	-0.7081	231.1	16 481	36 580			
-1 545c	29 545	44.3	-18.2	-14.36	23.19	0.5983	-0.5828	218.2	16 484	36 584			
-1 549c	29 550	44.3	-18.2	-14.36	23.19	0.5983	-0.5828	218.2	16 484	36 584			
-1 555c	31 555	52.59	-22.3	-12.23	25.44	0.5852	-0.4914	208.7	17 486	37 588			
-1 560c	32 560	56.77	-23.82	-11.16	26.31	0.5896	-0.4553	205.1	17 487	38 591			
380	770	88.59	0.0	0.0	0.01	1.0093	-0.2587	0.0					

CIE data for all optimal colours of maximum (m) C _{AB} , P40 and Y _w =88,6, Y _m =520_770													
i ₁ , λ ₁	i ₂ , λ ₂	L* _{88.6}	a* _{88.6}	b* _{88.6}	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code		
0 405	33 568	76.15	-81.16	-32.77	87.53	0.1748	-0.0873	201.9	17 488	38 594	Cm		
7 435	33 568	76.3	-92.76	-15.35	94.02	0.1685	-0.0794	189.3	18 493	54 674			
10 450	33 569	76.52	-103.39	5.92	103.56	0.1627	-0.0697	176.7	19 499	-1 499c			
12 460	34 570	76.8	-109.0	24.57	111.74	0.1598	-0.0613	167.2	21 507	-1 507c			
13 465	34 571	77.08	-110.23	34.97	115.65	0.1593	-0.0566	162.3	22 512	-1 512c			
14 470	34 572	77.53	-109.88	45.65	118.98	0.1598	-0.0519	157.4	23 519	-1 519c			
14 475	34 574	78.55	-106.82	47.39	116.86	0.1621	-0.0513	156.0	24 522	-1 522c	Gm		
15 480	35 578	79.92	-101.53	59.31	117.59	0.1657	-0.0464	149.7	26 531	-1 531c			
17 485	37 585	81.98	-89.65	80.19	120.28	0.1731	-0.038	138.1	28 543	-1 543c			
17 490	40 600	87.01	-63.2	88.78	108.98	0.1884	-0.0362	125.4	30 554	-1 554c			
19 495	-1 495c	93.47	-8.67	114.91	115.24	0.2157	-0.0283	94.3	34 571	12 464			
20 500	-1 500c	92.92	-6.3	120.95	121.11	0.2168	-0.0257	92.9	34 571	13 467			
21 510	-1 509c	92.21	-3.27	126.42	126.46	0.2182	-0.0233	91.4	34 572	13 469			
24 520	-1 520c	88.87	9.99	137.27	137.63	0.2246	-0.0173	85.8	35 575	15 476	Ym		
26 530	-1 530c	85.65	21.4	142.49	144.09	0.2305	-0.0142	81.4	35 578	16 480			
27 540	-1 539c	83.75	27.56	140.77	143.44	0.2338	-0.0129	78.9	36 580	16 481			
29 545	-1 545c	79.44	40.32	135.08	140.98	0.2413	-0.0108	73.3	36 584	16 484			
29 550	-1 549c	79.44	40.32	135.08	140.98	0.2413	-0.0108	73.3	36 584	16 484			
31 555	-1 555c	74.45	53.03	127.26	137.87	0.2496	-0.0095	67.3	37 588	17 486			
32 560	-1 560c	71.71	59.09	122.75	136.24	0.2541	-0.0091	64.2	38 591	17 487			
33 568	0 405	75.99	57.26	59.94	82.9	0.2515	-0.045	46.3	38 594	17 488	Rm		
33 568	7 435	75.84	62.98	19.31	65.88	0.2547	-0.0636	17.0	54 674	18 493			
33 569	10 450	75.61	68.07	-5.61	68.3	0.2576	-0.075	355.2	-1 499c	19 499			
34 570	12 460	75.33	71.06	-19.23	73.62	0.2594	-0.0812	344.8	-1 507c	21 507			
34 571	13 465	75.04	72.31	-24.98	76.51	0.2602	-0.0839	340.9	-1 512c	22 512			
34 572	14 470	74.56	73.47	-30.05	79.38	0.2611	-0.0863	337.7	-1 519c	23 519			
34 574	14 475	73.45	75.18	-31.96	81.7	0.2626	-0.0874	336.9	-1 522c	24 522	Mm		
35 578	15 480	71.87	77.0	-38.02	85.87	0.2644	-0.0906	333.7	-1 531c	26 531			
37 585	17 485	69.29	77.5	-46.95	90.61	0.2661	-0.0955	328.7	-1 543c	28 543			
40 600	17 490	61.64	77.04	-60.11	97.72	0.2703	-0.1049	322.0	-1 554c	30 554			
-1 495c	19 495	46.91	23.65	-88.12	91.24	0.2389	-0.1313	285.0	12 464	34 571			
-1 500c	20 500	48.54	16.7	-86.21	87.81	0.2329	-0.1285	280.9	13 467	34 571			
-1 509c	21 510	50.5	8.36	-83.52	83.94	0.2261	-0.1252	275.7	13 469	34 572			
-1 520c	24 520	58.14	-21.9	-71.49	74.77	0.2047	-0.1129	252.9	15 476	35 575	Bm		
-1 530c	26 530	63.94	-41.02	-61.83	74.2	0.1936	-0.1049	236.4	16 480	35 578			
-1 539c	27 540	66.84	-49.01	-56.93	75.12	0.1896	-0.1013	229.2	16 481	36 580			
-1 545c	29 545	72.44	-60.94	-47.39	77.2	0.1846	-0.0949	217.8	16 484	36 584			
-1 549c	29 550	72.44	-60.94	-47.39	77.2	0.1846	-0.0949	217.8	16 484	36 584			
-1 555c	31 555	77.64	-67.03	-38.48	77.29	0.1832	-0.0897	209.8	17 486	37 588			
-1 560c	32 560	80.05	-67.9	-34.32	76.08	0.1837	-0.0874	206.8	17 487	38 591			
380	770	95.41	0.0	0.0	0.0	0.2197	-0.0724	0.0					

see similar files: <http://130.149.60.45/~farbmetrik/SN67/SN67.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 $Y_w=88,6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$Y_{88.6}$	$A_{88.6}$	$B_{88.6}$	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	34 574	48.43	-28.75	-5.6	29.29	0.5048	-0.2581	191.0	18 494	39 599	Cm		
6 435	34 574	48.59	-29.61	-3.91	29.87	0.4891	-0.2227	187.5	19 496	42 611			
9 450	34 574	48.83	-30.82	-1.31	30.85	0.4673	-0.1692	182.4	20 501	-1 501c			
12 460	35 575	49.01	-31.95	1.74	32.0	0.4465	-0.1066	176.8	21 508	-1 508c			
13 465	35 575	49.25	-32.19	2.74	32.31	0.4448	-0.0866	175.1	22 512	-1 512c			
13 470	35 576	49.84	-32.22	2.82	32.34	0.452	-0.0856	174.9	22 513	-1 513c			
14 475	35 577	50.59	-32.36	3.77	32.58	0.4587	-0.0677	173.3	23 519	-1 519c	Gm		
16 480	35 579	51.55	-32.2	5.2	32.62	0.4738	-0.0414	170.8	26 532	-1 532c			
17 485	36 582	53.64	-31.67	5.96	32.23	0.5079	-0.0312	169.3	28 540	-1 540c			
18 490	37 588	57.57	-30.3	6.88	31.08	0.572	-0.0226	167.1	29 548	-1 548c			
19 495	40 601	65.98	-25.09	8.37	26.46	0.718	-0.0153	161.5	31 559	-1 559c			
20 500	-1 500c	84.75	-0.56	11.29	11.3	1.0918	-0.0091	92.8	35 576	13 469			
21 510	-1 509c	83.55	0.75	11.31	11.34	1.1074	-0.0069	86.2	35 576	14 472			
24 520	-1 520c	77.79	6.62	10.83	12.7	1.1836	-0.003	58.5	35 579	16 480	Ym		
26 530	-1 530c	72.2	11.66	10.15	15.46	1.26	-0.0017	41.0	36 582	16 484			
28 540	-1 540c	65.49	16.97	9.25	19.33	1.3576	-0.001	28.6	37 585	17 487			
28 545	-1 544c	65.49	16.97	9.25	19.33	1.3576	-0.001	28.6	37 585	17 487			
29 550	-1 549c	61.79	19.54	8.74	21.41	1.4148	-0.0007	24.1	37 586	17 489			
31 555	-1 555c	53.89	24.15	7.64	25.33	1.5466	-0.0005	17.5	38 590	18 491			
32 560	-1 560c	49.77	26.01	7.05	26.95	1.6212	-0.0004	15.1	38 593	18 492			
34 574	1 405	51.56	28.75	5.6	29.29	1.6561	-0.0335	11.0	39 599	18 494	Rm		
34 574	6 435	51.4	29.61	3.91	29.87	1.6745	-0.0662	7.5	42 611	19 496			
34 574	9 450	51.16	30.82	1.31	30.85	1.7009	-0.1166	2.4	-1 501c	20 501			
35 575	12 460	50.98	31.95	-1.74	32.0	1.7252	-0.1766	356.8	-1 508c	21 508			
35 575	13 465	50.74	32.19	-2.74	32.31	1.733	-0.1963	355.1	-1 512c	22 512			
35 576	13 470	50.15	32.22	-2.82	32.34	1.7409	-0.1986	354.9	-1 513c	22 513			
35 577	14 475	49.4	32.36	-3.77	32.58	1.7536	-0.2187	353.3	-1 519c	23 519	Mm		
35 579	16 480	48.44	32.2	-5.2	32.62	1.7633	-0.2497	350.8	-1 532c	26 532			
36 582	17 485	46.35	31.67	-5.96	32.23	1.7819	-0.2709	349.3	-1 540c	28 540			
37 588	18 490	42.42	30.3	-6.88	31.08	1.8128	-0.3046	347.1	-1 548c	29 548			
40 601	19 495	34.01	25.09	-8.37	26.46	1.8363	-0.3886	341.5	-1 559c	31 559			
-1 500c	20 500	15.24	0.56	-11.29	11.3	1.1352	-0.8832	272.8	13 469	35 576			
-1 509c	21 510	16.44	-0.75	-11.31	11.34	1.0528	-0.8302	266.2	14 472	35 576			
-1 520c	24 520	22.2	-6.62	-10.83	12.7	0.8002	-0.6303	238.5	16 480	35 579	Bm		
-1 530c	26 530	27.79	-11.66	-10.15	15.46	0.6787	-0.5076	221.0	16 484	36 582			
-1 540c	28 540	34.5	-16.97	-9.25	19.33	0.6065	-0.4105	208.6	17 487	37 585			
-1 544c	28 545	34.5	-16.97	-9.25	19.33	0.6065	-0.4105	208.6	17 487	37 585			
-1 549c	29 550	38.2	-19.54	-8.74	21.41	0.5867	-0.3712	204.1	17 489	37 586			
-1 555c	31 555	46.1	-24.15	-7.64	25.33	0.5745	-0.308	197.5	18 491	38 590			
-1 560c	32 560	50.22	-26.01	-7.05	26.95	0.5804	-0.2828	195.1	18 492	38 593			
380	770	88.58	0.0	0.0	0.01	1.0984	-0.1423	0.0					

5-000330-L0

SN670-7N_4

TUB-test chart SN67; maximum C_{AB} , $Y_m=520_770$
YABCABh & LabCa'b'h data for illuminant A00, $Y_w=88,6$

CIE data for all optimal colours of maximum (m) C_{AB} , A00 and $Y_w=88,6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$L^*_{88.6}$	$a^*_{88.6}$	$b^*_{88.6}$	C^*_{ab}	a'	b'	h_{ab}	i_d, λ_d	i_c, λ_c	Code		
1 405	34 574	75.1	-89.62	-34.47	96.02	0.1744	-0.0723	201.0	18 494	39 599	Cm		
6 435	34 574	75.2	-92.9	-25.32	96.29	0.1726	-0.0689	195.2	19 496	42 611			
9 450	34 574	75.35	-97.58	-9.35	98.03	0.17	-0.0628	185.4	20 501	-1 501c			
12 460	35 575	75.46	-102.16	14.46	103.18	0.1674	-0.0539	171.9	21 508	-1 508c			
13 465	35 575	75.61	-102.7	24.07	105.49	0.1672	-0.0503	166.8	22 512	-1 512c			
13 470	35 576	75.98	-101.54	24.69	104.5	0.1681	-0.0501	166.3	22 513	-1 513c			
14 475	35 577	76.43	-100.59	34.93	106.48	0.1689	-0.0463	160.8	23 519	-1 519c	Gm		
16 480	35 579	77.02	-97.98	54.06	111.9	0.1708	-0.0393	151.1	26 532	-1 532c			
17 485	36 582	78.26	-92.08	64.5	112.42	0.1748	-0.0357	144.9	28 540	-1 540c			
18 490	37 588	80.5	-81.29	76.14	111.38	0.1818	-0.0321	136.8	29 548	-1 548c			
19 495	40 601	84.99	-57.5	91.22	107.83	0.1962	-0.0282	122.2	31 559	-1 559c			
20 500	-1 500c	93.78	-0.95	113.52	113.52	0.2256	-0.0237	90.4	35 576	13 469			
21 510	-1 509c	93.25	1.28	119.63	119.63	0.2266	-0.0216	89.3	35 576	14 472			
24 520	-1 520c	90.69	11.58	132.91	133.41	0.2317	-0.0164	85.0	35 579	16 480	Ym		
26 530	-1 530c	88.07	20.99	147.0	148.49	0.2366	-0.0136	81.8	36 582	16 484			
28 540	-1 540c	84.74	31.76	143.55	147.02	0.2426	-0.0113	77.5	37 585	17 487			
28 545	-1 544c	84.74	31.76	143.55	147.02	0.2426	-0.0113	77.5	37 585	17 487			
29 550	-1 549c	82.81	37.48	140.86	145.76	0.2459	-0.0105	75.0	37 586	17 489			
31 555	-1 555c	78.4	49.14	134.01	142.73	0.2533	-0.0093	69.8	38 590	18 491			
32 560	-1 560c	75.93	54.89	129.96	141.08	0.2573	-0.0089	67.1	38 593	18 492			
34 574	1 405	77.02	58.79	61.28	84.92	0.2592	-0.0366	46.1	39 599	18 494	Rm		
34 574	6 435	76.92	60.43	36.03	70.36	0.2601	-0.046	30.8	42 611	19 496			
34 574	9 450	76.78	62.73	10.26	63.57	0.2615	-0.0555	9.2	-1 501c	20 501			
35 575	12 460	76.67	64.86	-11.92	65.94	0.2627	-0.0637	349.5	-1 508c	21 508			
35 575	13 465	76.52	65.45	-18.06	67.89	0.2631	-0.066	344.5	-1 512c	22 512			
35 576	13 470	76.16	65.9	-18.68	68.5	0.2635	-0.0663	344.1	-1 513c	22 513			
35 577	14 475	75.7	66.68	-24.34	70.99	0.2642	-0.0684	339.9	-1 519c	23 519	Mm		
35 579	16 480	75.1	67.09	-32.36	74.49	0.2647	-0.0715	334.2	-1 532c	26 532			
36 582	17 485	73.78	67.7	-37.04	77.17	0.2656	-0.0735	331.3	-1 540c	28 540			
37 588	18 490	71.17	68.27	-43.39	80.89	0.2671	-0.0764	327.5	-1 548c	29 548			
40 601	19 495	64.98	65.19	-55.52	85.63	0.2683	-0.0829	319.5	-1 559c	31 559			
-1 500c	20 500	45.97	2.94	-89.46	89.51	0.2285	-0.109	271.8	13 469	35 576			
-1 509c	21 510	47.57	-3.84	-87.66	87.74	0.2228	-0.1068	267.4	14 472	35 576			
-1 520c	24 520	54.25	-30.32	-77.76	83.47	0.2034	-0.0974	248.6	16 480	35 579	Bm		
-1 530c	26 530	59.7	-48.36	-68.89	84.17	0.1925	-0.0906	234.9	16 484	36 582			
-1 540c	28 540	65.36	-62.97	-59.4	86.57	0.1854	-0.0844	223.3	17 487	37 585			
-1 544c	28 545	65.36	-62.97	-59.4	86.57	0.1854	-0.0844	223.3	17 487	37 585			
-1 549c	29 550	68.17	-68.41	-54.64	87.56	0.1834	-0.0817	218.6	17 489	37 586			
-1 555c	31 555	73.61	-75.02	-45.35	87.66	0.1821	-0.0767	211.1	18 491	38 590			
-1 560c	32 560	76.21	-76.11	-40.9	86.4	0.1827	-0.0746	208.2	18 492	38 593			
380	770	95.41	0.0	0.0	0.0	0.226	-0.0593	0.0					

see similar files: <http://130.149.60.45/~farbmetrik/SN67/SN67.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 $Y_w=88,6$, $Y_m=520_770$												
i_1, λ_1	i_2, λ_2	$Y_{88.6}$	$A_{88.6}$	$B_{88.6}$	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code	
1 405	32 564	50.87	-22.11	-14.47	26.43	0.5653	-0.6846	213.2	16 484	38 592	Cm	
6 435	33 565	51.3	-25.82	-7.08	26.77	0.4967	-0.538	195.3	17 488	45 627		
10 450	33 566	51.78	-31.12	4.68	31.48	0.3988	-0.3094	171.4	19 498	-1 498c		
12 460	33 568	52.51	-33.26	10.46	34.86	0.3666	-0.2007	162.5	21 507	-1 507c		
13 465	33 569	53.28	-34.06	13.1	36.49	0.3606	-0.1541	158.9	22 514	-1 514c		
14 470	34 571	54.5	-34.5	15.52	37.83	0.367	-0.1152	155.7	24 522	-1 522c		
14 475	35 575	57.16	-34.67	16.58	38.43	0.3934	-0.1099	154.4	25 525	-1 525c	Gm	
16 480	36 581	60.43	-33.93	20.61	39.7	0.4385	-0.0589	148.7	27 538	-1 538c		
17 485	39 595	67.95	-30.26	24.5	38.94	0.5546	-0.0393	140.9	29 549	-1 549c		
18 490	-1 490c	83.75	-9.91	31.5	33.02	0.8815	-0.0238	107.4	33 568	11 459		
19 495	-1 495c	82.54	-8.75	31.54	32.73	0.8939	-0.0179	105.5	33 568	12 461		
19 500	-1 499c	82.54	-8.75	31.54	32.73	0.8939	-0.0179	105.5	33 568	12 461		
22 510	-1 510c	76.84	-3.16	30.19	30.35	0.9587	-0.0071	95.9	34 571	13 469		
24 520	-1 520c	70.99	2.12	28.12	28.2	1.0299	-0.0038	85.6	34 574	14 473	Ym	
26 530	-1 530c	63.88	7.86	25.41	26.6	1.123	-0.0021	72.8	35 577	15 477		
28 540	-1 540c	56.0	13.32	22.33	26.0	1.2379	-0.0011	59.1	36 581	15 479		
29 545	-1 545c	51.9	15.77	20.71	26.03	1.3039	-0.0009	52.7	36 583	16 480		
29 550	-1 549c	51.9	15.77	20.71	26.03	1.3039	-0.0009	52.7	36 583	16 480		
30 555	-1 554c	47.77	17.95	19.07	26.19	1.3757	-0.0007	46.7	37 585	16 482		
32 560	-1 560c	39.54	21.24	15.79	26.47	1.5372	-0.0005	36.6	38 590	16 483		
32 564	1 405	49.12	22.11	14.47	26.42	1.45	-0.1052	33.2	38 592	16 484	Rm	
33 565	6 435	48.69	25.82	7.08	26.77	1.5303	-0.2545	15.3	45 627	17 488		
33 566	10 450	48.21	31.12	-4.68	31.48	1.6455	-0.4972	351.4	-1 498c	19 498		
33 568	12 460	47.48	33.26	-10.46	34.86	1.7005	-0.6203	342.5	-1 507c	21 507		
33 569	13 465	46.71	34.06	-13.1	36.49	1.7291	-0.6804	338.9	-1 514c	22 514		
34 571	14 470	45.49	34.5	-15.52	37.83	1.7583	-0.7411	335.7	-1 522c	24 522		
35 575	14 475	42.83	34.67	-16.58	38.43	1.8096	-0.7872	334.4	-1 525c	25 525	Mm	
36 581	16 480	39.56	33.93	-20.61	39.7	1.8575	-0.9209	328.7	-1 538c	27 538		
39 595	17 485	32.04	30.26	-24.5	38.94	1.9444	-1.1648	320.9	-1 549c	29 549		
-1 490c	18 490	16.24	9.91	-31.5	33.02	1.6105	-2.3392	287.4	11 459	33 568		
-1 495c	19 495	17.45	8.75	-31.54	32.73	1.5016	-2.2074	285.5	12 461	33 568		
-1 499c	19 500	17.45	8.75	-31.54	32.73	1.5016	-2.2074	285.5	12 461	33 568		
-1 510c	22 510	23.15	3.16	-30.19	30.35	1.1369	-1.7039	275.9	13 469	34 571		
-1 520c	24 520	29.0	-2.12	-28.12	28.2	0.9266	-1.3696	265.6	14 473	34 574	Bm	
-1 530c	26 530	36.11	-7.86	-25.41	26.6	0.7823	-1.1038	252.8	15 477	35 577		
-1 540c	28 540	43.99	-13.32	-22.33	26.0	0.6971	-0.9076	239.1	15 479	36 581		
-1 545c	29 545	48.09	-15.77	-20.71	26.03	0.6719	-0.8307	232.7	16 480	36 583		
-1 549c	29 550	48.09	-15.77	-20.71	26.03	0.6719	-0.8307	232.7	16 480	36 583		
-1 554c	30 555	52.22	-17.95	-19.07	26.19	0.6562	-0.7652	226.7	16 482	37 585		
-1 560c	32 560	60.45	-21.24	-15.79	26.47	0.6485	-0.6613	216.6	16 483	38 590		
380	770	88.59	0.0	0.0	0.01	1.0	-0.4	0.0				

TUB-test chart SN67; maximum C_{AB} , $Y_m=520_770$
YABCABh & LabCa'b'h data for illuminant E00, $Y_w=88,6$

CIE data for all optimal colours of maximum (m) C_{AB} , E00 and $Y_w=88,6$, $Y_m=520_770$												
i_1, λ_1	i_2, λ_2	$L^*_{88,6}$	$a^*_{88,6}$	$b^*_{88,6}$	C^*_{ab}	a'	b'	h_{ab}	i_d, λ_d	i_c, λ_c	Code	
1 405	32 564	76.6	-69.08	-31.31	75.85	0.1811	-0.1001	204.3	16 484	38 592	Cm	
6 435	33 565	76.87	-83.25	-16.62	84.9	0.1735	-0.0924	191.2	17 488	45 627		
10 450	33 566	77.15	-105.94	13.16	106.75	0.1612	-0.0768	172.9	19 498	-1 498c		
12 460	33 568	77.59	-114.64	33.12	119.33	0.1568	-0.0665	163.8	21 507	-1 507c		
13 465	33 569	78.04	-116.79	44.15	124.86	0.1559	-0.0609	159.2	22 514	-1 514c		
14 470	34 571	78.76	-115.98	55.46	128.56	0.1568	-0.0553	154.4	24 522	-1 522c		
14 475	35 575	80.28	-110.87	58.06	125.16	0.1605	-0.0544	152.3	25 525	-1 525c	Gm	
16 480	36 581	82.07	-101.54	79.74	129.11	0.1664	-0.0442	141.8	27 538	-1 538c		
17 485	39 595	85.98	-78.4	94.65	122.9	0.18	-0.0386	129.6	29 549	-1 549c		
18 490	-1 490c	93.34	-19.39	114.83	116.45	0.21	-0.0327	99.5	33 568	11 459		
19 495	-1 495c	92.82	-17.2	120.93	122.15	0.211	-0.0297	98.0	33 568	12 461		
19 500	-1 499c	92.82	-17.2	120.93	122.15	0.211	-0.0297	98.0	33 568	12 461		
22 510	-1 510c	90.25	-6.38	135.26	135.41	0.216	-0.0218	92.7	34 571	13 469		
24 520	-1 520c	87.48	4.41	140.06	140.13	0.2212	-0.0178	88.1	34 574	14 473	Ym	
26 530	-1 530c	83.91	16.98	139.43	140.46	0.2277	-0.0145	83.0	35 577	15 477		
28 540	-1 540c	79.62	30.39	134.74	138.12	0.2352	-0.0119	77.2	36 581	15 479		
29 545	-1 545c	77.23	37.16	131.33	136.49	0.2393	-0.0109	74.2	36 583	16 480		
29 550	-1 549c	77.23	37.16	131.33	136.49	0.2393	-0.0109	74.2	36 583	16 480		
30 555	-1 554c	74.68	43.84	127.41	134.75	0.2436	-0.0102	71.0	37 585	16 482		
32 560	-1 560c	69.15	56.54	118.4	131.21	0.2528	-0.0092	64.4	38 590	16 483		
32 564	1 405	75.53	52.02	56.66	76.92	0.2479	-0.0536	47.4	38 592	16 484	Rm	
33 565	6 435	75.26	59.93	21.99	63.84	0.2524	-0.072	20.1	45 627	17 488		
33 566	10 450	74.96	70.8	-11.79	71.78	0.2586	-0.09	350.5	-1 498c	19 498		
33 568	12 460	74.5	75.51	-24.57	79.41	0.2615	-0.0969	341.9	-1 507c	21 507		
33 569	13 465	74.01	77.68	-30.06	83.3	0.2629	-0.0999	338.8	-1 514c	22 514		
34 571	14 470	73.22	79.58	-35.1	86.98	0.2644	-0.1028	336.1	-1 522c	24 522		
35 575	14 475	71.44	82.38	-38.16	90.79	0.2669	-0.1049	335.1	-1 525c	25 525	Mm	
36 581	16 480	69.16	84.14	-47.04	96.4	0.2693	-0.1106	330.7	-1 538c	27 538		
39 595	17 485	63.38	84.88	-58.57	103.13	0.2734	-0.1196	325.3	-1 549c	29 549		
-1 490c	18 490	47.3	46.95	-87.46	99.27	0.2568	-0.1509	298.2	11 459	33 568		
-1 495c	19 495	48.83	40.54	-85.72	94.82	0.2508	-0.148	295.3	12 461	33 568		
-1 499c	19 500	48.83	40.54	-85.72	94.82	0.2508	-0.148	295.3	12 461	33 568		
-1 510c	22 510	55.24	13.41	-76.26	77.43	0.2286	-0.1357	279.9	13 469	34 571		
-1 520c	24 520	60.79	-8.29	-67.14	67.65	0.2136	-0.1262	262.9	14 473	34 574	Bm	
-1 530c	26 530	66.61	-27.96	-57.34	63.79	0.2018	-0.1174	244.0	15 477	35 577		
-1 540c	28 540	72.23	-43.08	-47.77	64.32	0.1942	-0.11	227.9	15 479	36 581		
-1 545c	29 545	74.88	-48.61	-43.22	65.04	0.1919	-0.1068	221.6	16 480	36 583		
-1 549c	29 550	74.88	-48.61	-43.22	65.04	0.1919	-0.1068	221.6	16 480	36 583		
-1 554c	30 555	77.42	-52.73	-38.87	65.51	0.1904	-0.1039	216.3	16 482	37 585		
-1 560c	32 560	82.08	-56.81	-30.85	64.64	0.1896	-0.099	208.5	16 483	38 590		
380	770	95.41	0.0	0.0	0.0	0.2191	-0.0837	0.0				

see similar files: <http://130.149.60.45/~farbmetrik/SN67/SN67.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 $Y_w=88,6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$Y_{88.6}$	$A_{88.6}$	$B_{88.6}$	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	32 562	51.1	-19.54	-17.3	26.1	0.5982	-0.8115	221.5	16 482	37 589	Cm		
6 435	32 563	51.69	-23.59	-9.26	25.35	0.5242	-0.6521	201.4	17 486	42 612			
10 450	32 564	52.35	-30.25	5.27	30.71	0.4027	-0.3721	170.1	19 496	-1 496c			
11 460	33 566	53.63	-31.86	9.38	33.22	0.3865	-0.2979	163.5	20 501	-1 501c			
13 465	33 568	54.22	-33.89	15.83	37.41	0.3556	-0.1808	154.9	22 513	-1 513c			
14 470	34 570	55.77	-34.55	18.96	39.42	0.3611	-0.1328	151.2	24 522	-1 522c			
15 475	35 575	58.4	-34.72	22.12	41.17	0.3861	-0.0941	147.4	26 530	-1 530c	Gm		
16 480	36 582	62.97	-33.68	25.74	42.4	0.4457	-0.064	142.6	28 540	-1 540c			
16 485	40 602	73.14	-28.46	30.55	41.75	0.5915	-0.0552	132.9	30 551	-1 551c			
18 490	-1 490c	82.68	-11.63	36.96	38.75	0.8399	-0.0257	107.4	33 566	11 459			
19 495	-1 495c	81.3	-10.32	36.91	38.33	0.8536	-0.0188	105.6	33 567	12 462			
19 500	-1 499c	81.3	-10.32	36.91	38.33	0.8536	-0.0188	105.6	33 567	12 462			
21 510	-1 509c	77.66	-6.8	35.96	36.59	0.893	-0.0098	100.7	33 568	13 466			
24 520	-1 520c	69.63	0.45	32.65	32.65	0.9872	-0.0039	89.2	34 572	14 472	Ym		
26 530	-1 530c	62.62	5.96	29.47	30.07	1.076	-0.0021	78.5	35 575	15 475			
28 540	-1 540c	54.54	11.4	25.72	28.14	1.1898	-0.0012	66.0	35 579	15 478			
28 545	-1 544c	54.54	11.4	25.72	28.14	1.1898	-0.0012	66.0	35 579	15 478			
29 550	-1 549c	50.25	13.89	23.71	27.48	1.2572	-0.0009	59.6	36 581	15 479			
31 555	-1 555c	41.49	17.97	19.59	26.59	1.4138	-0.0006	47.4	37 586	16 481			
31 560	-1 559c	41.49	17.97	19.59	26.59	1.4138	-0.0006	47.4	37 586	16 481			
32 562	1 405	48.89	19.54	17.3	26.1	1.3804	-0.1189	41.5	37 589	16 482	Rm		
32 563	6 435	48.3	23.59	9.26	25.35	1.4692	-0.281	21.4	42 612	17 486			
32 564	10 450	47.64	30.25	-5.27	30.71	1.6157	-0.5836	350.1	-1 496c	19 496			
33 566	11 460	46.36	31.86	-9.38	33.22	1.668	-0.6752	343.5	-1 501c	20 501			
33 568	13 465	45.77	33.89	-15.83	37.41	1.7213	-0.8189	334.9	-1 513c	22 513			
34 570	14 470	44.22	34.55	-18.96	39.42	1.7621	-0.9018	331.2	-1 522c	24 522			
35 575	15 475	41.59	34.72	-22.12	41.17	1.8156	-1.0048	327.4	-1 530c	26 530	Mm		
36 582	16 480	37.02	33.68	-25.74	42.4	1.8905	-1.1682	322.6	-1 540c	28 540			
40 602	16 485	26.85	28.46	-30.55	41.75	2.0405	-1.6104	312.9	-1 551c	30 551			
-1 490c	18 490	17.31	11.63	-36.96	38.75	1.6528	-2.6079	287.4	11 459	33 566			
-1 495c	19 495	18.69	10.32	-36.91	38.33	1.5331	-2.4471	285.6	12 462	33 567			
-1 499c	19 500	18.69	10.32	-36.91	38.33	1.5331	-2.4471	285.6	12 462	33 567			
-1 509c	21 510	22.33	6.8	-35.96	36.59	1.2854	-2.083	280.7	13 466	33 568			
-1 520c	24 520	30.36	-0.45	-32.65	32.65	0.9657	-1.5483	269.2	14 472	34 572	Bm		
-1 530c	26 530	37.37	-5.96	-29.47	30.07	0.821	-1.2615	258.5	15 475	35 575			
-1 540c	28 540	45.45	-11.4	-25.72	28.14	0.7297	-1.0389	246.0	15 478	35 579			
-1 544c	28 545	45.45	-11.4	-25.72	28.14	0.7297	-1.0389	246.0	15 478	35 579			
-1 549c	29 550	49.74	-13.89	-23.71	27.48	0.7014	-0.9496	239.6	15 479	36 581			
-1 555c	31 555	58.5	-17.97	-19.59	26.59	0.6734	-0.8079	227.4	16 481	37 586			
-1 559c	31 560	58.5	-17.97	-19.59	26.59	0.6734	-0.8079	227.4	16 481	37 586			
380	770	88.59	0.0	0.0	0.01	0.9807	-0.4729	0.0					

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SN670-7N_6

TUB-test chart SN67; maximum C_{AB} , $Y_m=520_770$
YABCABh & LabCa'b'h data for illuminant C00, $Y_w=88,6$

CIE data for all optimal colours of maximum (m) C_{AB} , C00 and $Y_w=88,6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$L^*_{88,6}$	$a^*_{88,6}$	$b^*_{88,6}$	C^*_{ab}	a'	b'	h_{ab}	i_d, λ_d	i_c, λ_c	Code		
1 405	32 562	76.74	-60.71	-31.53	68.41	0.1846	-0.106	207.4	16 482	37 589	Cm		
6 435	32 563	77.1	-75.59	-18.15	77.74	0.1766	-0.0985	193.5	17 486	42 612			
10 450	32 564	77.49	-103.41	12.37	104.15	0.1618	-0.0817	173.1	19 496	-1 496c			
11 460	33 566	78.25	-108.37	23.18	110.82	0.1595	-0.0759	167.9	20 501	-1 501c			
13 465	33 568	78.6	-116.95	44.69	125.2	0.1552	-0.0642	159.0	22 513	-1 513c			
14 470	34 570	79.49	-116.54	56.8	129.65	0.156	-0.058	154.0	24 522	-1 522c			
15 475	35 575	80.97	-111.59	69.55	131.5	0.1595	-0.0517	148.0	26 530	-1 530c	Gm		
16 480	36 582	83.43	-99.04	83.37	129.46	0.1673	-0.0454	139.9	28 540	-1 540c			
16 485	40 602	88.52	-69.85	92.1	115.59	0.1839	-0.0432	127.1	30 551	-1 551c			
18 490	-1 490c	92.88	-23.61	116.49	118.86	0.2067	-0.0335	101.4	33 566	11 459			
19 495	-1 495c	92.27	-21.08	122.81	124.61	0.2078	-0.0302	99.7	33 567	12 462			
19 500	-1 499c	92.27	-21.08	122.81	124.61	0.2078	-0.0302	99.7	33 567	12 462			
21 510	-1 509c	90.63	-14.11	133.09	133.84	0.2109	-0.0244	96.0	33 568	13 466			
24 520	-1 520c	86.82	0.98	138.89	138.89	0.2181	-0.018	89.5	34 572	14 472	Ym		
26 530	-1 530c	83.24	13.42	138.16	138.82	0.2245	-0.0147	84.4	35 575	15 475			
28 540	-1 540c	78.78	27.18	133.23	135.98	0.2321	-0.0121	78.4	35 579	15 478			
28 545	-1 544c	78.78	27.18	133.23	135.98	0.2321	-0.0121	78.4	35 579	15 478			
29 550	-1 549c	76.22	34.3	129.57	134.04	0.2364	-0.0111	75.1	36 581	15 479			
31 555	-1 555c	70.53	48.35	120.57	129.91	0.2459	-0.0097	68.1	37 586	16 481			
31 560	-1 559c	70.53	48.35	120.57	129.91	0.2459	-0.0097	68.1	37 586	16 481			
32 562	1 405	75.39	47.53	58.07	75.05	0.2439	-0.0559	50.6	37 589	16 482	Rm		
32 563	6 435	75.02	56.57	24.98	61.85	0.249	-0.0744	23.8	42 612	17 486			
32 564	10 450	74.6	70.7	-11.34	71.6	0.257	-0.095	350.8	-1 496c	19 496			
33 566	11 460	73.79	74.94	-19.51	77.44	0.2598	-0.0997	345.4	-1 501c	20 501			
33 568	13 465	73.4	79.46	-30.95	85.28	0.2625	-0.1063	338.7	-1 513c	22 513			
34 570	14 470	72.38	82.16	-36.58	89.94	0.2646	-0.1098	336.0	-1 522c	24 522			
35 575	15 475	70.59	85.04	-42.63	95.13	0.2672	-0.1138	333.3	-1 530c	26 530	Mm		
36 582	16 480	67.3	87.79	-50.52	101.29	0.2709	-0.1197	330.0	-1 540c	28 540			
40 602	16 485	58.85	89.22	-65.08	110.44	0.2779	-0.1332	323.8	-1 551c	30 551			
-1 490c	18 490	48.66	52.94	-85.45	100.53	0.259	-0.1564	301.7	11 459	33 566			
-1 495c	19 495	50.34	45.9	-83.43	95.22	0.2526	-0.1531	298.8	12 462	33 567			
-1 499c	19 500	50.34	45.9	-83.43	95.22	0.2526	-0.1531	298.8	12 462	33 567			
-1 509c	21 510	54.38	28.62	-77.55	82.66	0.2382	-0.1451	290.2	13 466	33 568			
-1 520c	24 520	61.97	-1.71	-65.17	65.19	0.2165	-0.1315	268.4	14 472	34 572	Bm		
-1 530c	26 530	67.56	-20.71	-55.73	59.45	0.2051	-0.1228	249.6	15 475	35 575			
-1 540c	28 540	73.19	-36.06	-46.12	58.55	0.1972	-0.1151	231.9	15 478	35 579			
-1 544c	28 545	73.19	-36.06	-46.12	58.55	0.1972	-0.1151	231.9	15 478	35 579			
-1 549c	29 550	75.92	-41.87	-41.45	58.92	0.1946	-0.1117	224.7	15 479	36 581			
-1 555c	31 555	81.02	-49.23	-32.68	59.1	0.192	-0.1058	213.5	16 481	37 586			
-1 559c	31 560	81.02	-49.23	-32.68	59.1	0.192	-0.1058	213.5	16 481	37 586			
380	770	95.41	0.0	0.0	0.0	0.2176	-0.0885	0.0					

see similar files: <http://130.149.60.45/~farbmetrik/SN67/SN67.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 $Y_w=88,6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$Y_{88.6}$	$A_{88.6}$	$B_{88.6}$	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	33 567	50.33	-24.12	-11.96	26.92	0.5413	-0.5619	206.3	17 486	38 594	Cm		
7 435	33 567	50.61	-27.97	-4.18	28.28	0.4679	-0.407	188.5	18 491	-1 491c			
10 450	33 568	51.06	-31.16	2.97	31.31	0.4103	-0.2659	174.5	19 499	-1 499c			
12 460	34 570	51.65	-32.91	7.66	33.79	0.3834	-0.1758	166.8	21 507	-1 507c			
13 465	34 571	52.22	-33.48	9.79	34.88	0.3796	-0.1366	163.6	22 513	-1 513c			
13 470	34 572	53.56	-33.61	10.22	35.13	0.3931	-0.1332	163.0	23 515	-1 515c			
15 475	35 575	54.9	-33.94	13.6	36.57	0.4024	-0.0765	158.1	25 529	-1 529c	Gm		
16 480	36 580	57.9	-33.49	15.58	36.94	0.4422	-0.055	155.0	27 537	-1 537c			
17 485	37 589	63.52	-31.34	18.18	36.23	0.5273	-0.0379	149.8	29 547	-1 547c			
18 490	45 625	78.78	-16.44	23.72	28.87	0.8119	-0.023	124.7	32 564	-1 564c			
18 495	-1 494c	84.48	-7.59	25.57	26.67	0.9308	-0.0215	106.5	34 570	12 460			
20 500	-1 500c	82.05	-5.16	25.6	26.12	0.9577	-0.0121	101.3	34 571	13 465			
22 510	-1 510c	78.23	-1.35	24.85	24.88	1.0033	-0.0066	93.1	34 573	14 470			
24 520	-1 520c	72.8	3.67	23.34	23.62	1.0711	-0.0036	81.0	35 575	14 474	Ym		
25 530	-1 529c	69.57	6.43	22.37	23.27	1.1131	-0.0027	73.9	35 577	15 476			
28 540	-1 540c	58.47	14.66	18.89	23.91	1.2713	-0.0011	52.1	36 582	16 481			
28 545	-1 544c	58.47	14.66	18.89	23.91	1.2713	-0.0011	52.1	36 582	16 481			
30 550	-1 550c	50.39	19.36	16.3	25.31	1.4049	-0.0007	40.0	37 586	16 483			
30 555	-1 554c	50.39	19.36	16.3	25.31	1.4049	-0.0007	40.0	37 586	16 483			
32 560	-1 560c	42.17	22.82	13.65	26.59	1.5618	-0.0005	30.8	38 591	17 485			
33 567	1 405	49.66	24.12	11.96	26.92	1.5064	-0.0833	26.3	38 594	17 486	Rm		
33 567	7 435	49.38	27.97	4.18	28.28	1.5871	-0.2394	8.5	-1 491c	18 491			
33 568	10 450	48.93	31.16	-2.97	31.31	1.6576	-0.385	354.5	-1 499c	19 499			
34 570	12 460	48.34	32.91	-7.66	33.79	1.7014	-0.4827	346.8	-1 507c	21 507			
34 571	13 465	47.77	33.48	-9.79	34.88	1.7215	-0.5293	343.6	-1 513c	22 513			
34 572	13 470	46.43	33.61	-10.22	35.13	1.7445	-0.5445	343.0	-1 515c	23 515			
35 575	15 475	45.09	33.94	-13.6	36.57	1.7735	-0.6258	338.1	-1 529c	25 529	Mm		
36 580	16 480	42.09	33.49	-15.58	36.94	1.8161	-0.6945	335.0	-1 537c	27 537			
37 589	17 485	36.47	31.34	-18.18	36.23	1.8799	-0.8229	329.8	-1 547c	29 547			
45 625	18 490	21.21	16.44	-23.72	28.87	1.796	-1.4429	304.7	-1 564c	32 564			
-1 494c	18 495	15.51	7.59	-25.57	26.67	1.5099	-1.9729	286.5	12 460	34 570			
-1 500c	20 500	17.94	5.16	-25.6	26.12	1.3082	-1.7514	281.3	13 465	34 571			
-1 510c	22 510	21.76	1.35	-24.85	24.88	1.083	-1.4663	273.1	14 470	34 573			
-1 520c	24 520	27.19	-3.67	-23.34	23.62	0.8855	-1.1826	261.0	14 474	35 575	Bm		
-1 529c	25 530	30.42	-6.43	-22.37	23.27	0.8091	-1.0595	253.9	15 476	35 577			
-1 540c	28 540	41.52	-14.66	-18.89	23.91	0.6675	-0.7792	232.1	16 481	36 582			
-1 544c	28 545	41.52	-14.66	-18.89	23.91	0.6675	-0.7792	232.1	16 481	36 582			
-1 550c	30 550	49.6	-19.36	-16.3	25.31	0.6302	-0.6529	220.0	16 483	37 586			
-1 554c	30 555	49.6	-19.36	-16.3	25.31	0.6302	-0.6529	220.0	16 483	37 586			
-1 560c	32 560	57.82	-22.82	-13.65	26.59	0.6259	-0.5603	210.8	17 485	38 591			
380	770	88.59	0.0	0.0	0.01	1.0206	-0.3242	0.0					

TUB-test chart SN67; maximum C_{AB} , $Y_m=520_770$
YABCABh & LabCa'b'h data for illuminant P00, $Y_w=88,6$

CIE data for all optimal colours of maximum (m) C_{AB} , P00 and $Y_w=88,6$, $Y_m=520_770$												
i_1, λ_1	i_2, λ_2	$L^*_{88.6}$	$a^*_{88.6}$	$b^*_{88.6}$	C^*_{ab}	a'	b'	h_{ab}	i_d, λ_d	i_c, λ_c	Code	
1 405	33 567	76.28	-75.76	-31.99	82.24	0.1785	-0.0938	202.8	17 486	38 594	Cm	
7 435	33 567	76.45	-91.19	-12.54	92.04	0.1701	-0.0842	187.8	18 491	-1 491c		
10 450	33 568	76.72	-104.67	10.21	105.17	0.1628	-0.0731	174.4	19 499	-1 499c		
12 460	34 570	77.07	-111.67	29.59	115.53	0.1591	-0.0636	165.1	21 507	-1 507c		
13 465	34 571	77.42	-113.05	40.29	120.02	0.1586	-0.0585	160.3	22 513	-1 513c		
13 470	34 572	78.21	-110.59	41.65	118.18	0.1605	-0.058	159.3	23 515	-1 515c		
15 475	35 575	78.99	-109.18	62.54	125.83	0.1617	-0.0482	150.1	25 529	-1 529c	Gm	
16 480	36 580	80.69	-101.36	74.39	125.73	0.1669	-0.0432	143.7	27 537	-1 537c		
17 485	37 589	83.72	-84.91	87.82	122.15	0.177	-0.0381	134.0	29 547	-1 547c		
18 490	45 625	91.14	-33.9	108.12	113.31	0.2043	-0.0323	107.4	32 564	-1 564c		
18 495	-1 494c	93.66	-14.29	112.46	113.37	0.2139	-0.0316	97.2	34 570	12 460		
20 500	-1 500c	92.6	-9.81	124.47	124.86	0.2159	-0.0261	94.5	34 571	13 465		
22 510	-1 510c	90.89	-2.62	133.86	133.89	0.2193	-0.0213	91.1	34 573	14 470		
24 520	-1 520c	88.36	7.29	141.96	142.15	0.2241	-0.0175	87.0	35 575	14 474	Ym	
25 530	-1 529c	86.79	12.99	142.28	142.87	0.227	-0.0158	84.7	35 577	15 476		
28 540	-1 540c	81.0	31.75	137.12	140.75	0.2373	-0.0117	76.9	36 582	16 481		
28 545	-1 544c	81.0	31.75	137.12	140.75	0.2373	-0.0117	76.9	36 582	16 481		
30 550	-1 550c	76.31	44.71	130.19	137.66	0.2453	-0.0101	71.0	37 586	16 483		
30 555	-1 554c	76.31	44.71	130.19	137.66	0.2453	-0.0101	71.0	37 586	16 483		
32 560	-1 560c	70.99	57.12	121.54	134.3	0.2542	-0.0091	64.8	38 591	17 485		
33 567	1 405	75.86	54.85	57.65	79.58	0.2511	-0.0496	46.4	38 594	17 486	Rm	
33 567	7 435	75.69	62.65	15.19	64.46	0.2555	-0.0705	13.6	-1 491c	18 491		
33 568	10 450	75.41	69.11	-9.29	69.74	0.2593	-0.0827	352.3	-1 499c	19 499		
34 570	12 460	75.05	72.86	-22.26	76.19	0.2615	-0.0891	343.0	-1 507c	21 507		
34 571	13 465	74.68	74.39	-27.74	79.39	0.2625	-0.0919	339.5	-1 513c	22 513		
34 572	13 470	73.83	75.74	-29.21	81.17	0.2637	-0.0928	338.9	-1 515c	23 515		
35 575	15 475	72.95	77.52	-37.58	86.15	0.2652	-0.0972	334.1	-1 529c	25 529	Mm	
36 580	16 480	70.94	79.35	-43.32	90.41	0.2673	-0.1006	331.3	-1 537c	27 537		
37 589	17 485	66.88	80.65	-52.01	95.97	0.2704	-0.1065	327.1	-1 547c	29 547		
45 625	18 490	53.19	61.79	-76.9	98.65	0.2663	-0.1284	308.7	-1 564c	32 564		
-1 494c	18 495	46.34	37.45	-88.7	96.29	0.2513	-0.1425	292.8	12 460	34 570		
-1 500c	20 500	49.43	24.32	-85.1	88.51	0.2396	-0.137	285.9	13 465	34 571		
-1 510c	22 510	53.78	6.0	-78.62	78.85	0.225	-0.1291	274.3	14 470	34 573		
-1 520c	24 520	59.16	-14.97	-69.87	71.45	0.2104	-0.1202	257.9	14 474	35 575	Bm	
-1 529c	25 530	62.02	-25.04	-65.09	69.74	0.2041	-0.1158	248.9	15 476	35 577		
-1 540c	28 540	70.54	-49.21	-50.65	70.62	0.1914	-0.1046	225.8	16 481	36 582		
-1 544c	28 545	70.54	-49.21	-50.65	70.62	0.1914	-0.1046	225.8	16 481	36 582		
-1 550c	30 550	75.83	-58.74	-41.6	71.98	0.1878	-0.0986	215.3	16 483	37 586		
-1 554c	30 555	75.83	-58.74	-41.6	71.98	0.1878	-0.0986	215.3	16 483	37 586		
-1 560c	32 560	80.64	-62.64	-33.32	70.95	0.1874	-0.0937	208.0	17 485	38 591		
380	770	95.41	0.0	0.0	0.0	0.2205	-0.078	0.0				

see similar files: <http://130.149.60.45/~farbmetrik/SN67/SN67.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 $Y_w=88,6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$Y_{88.6}$	$A_{88.6}$	$B_{88.6}$	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	32 562	51.28	-19.83	-16.97	26.1	0.5925	-0.8068	220.5	16 482	38 590	Cm		
7 435	32 562	51.72	-26.08	-4.41	26.45	0.475	-0.5611	189.5	17 488	-1 488c			
10 450	32 564	52.44	-31.0	6.48	31.67	0.3881	-0.3521	168.1	19 497	-1 497c			
11 460	33 566	53.67	-32.55	10.42	34.18	0.3728	-0.2816	162.2	20 502	-1 502c			
12 465	33 568	54.66	-33.78	14.0	36.57	0.3611	-0.2196	157.4	21 508	-1 508c			
14 470	34 570	55.78	-35.1	19.49	40.15	0.3499	-0.1264	150.9	24 522	-1 522c			
15 475	35 575	58.38	-35.27	22.49	41.83	0.3751	-0.0905	147.4	26 530	-1 530c	Gm		
16 480	36 582	62.99	-34.26	26.03	43.02	0.4354	-0.0625	142.7	27 539	-1 539c			
17 485	40 602	72.6	-28.13	31.61	42.31	0.5918	-0.0404	131.6	30 552	-1 552c			
17 490	-1 489c	84.1	-13.23	37.08	39.37	0.8219	-0.0349	109.6	33 565	11 455			
18 495	-1 494c	83.02	-12.27	37.32	39.29	0.8314	-0.0262	108.2	33 565	11 458			
20 500	-1 500c	80.01	-9.39	36.91	38.09	0.8619	-0.0144	104.2	33 567	12 463			
21 510	-1 509c	77.94	-7.4	36.26	37.01	0.8843	-0.0105	101.5	33 568	13 465			
23 520	-1 519c	72.51	-2.36	34.09	34.17	0.9466	-0.0056	93.9	34 571	14 470	Ym		
26 530	-1 530c	61.69	6.39	29.21	29.9	1.0829	-0.0022	77.6	35 576	15 475			
27 540	-1 539c	57.66	9.22	27.34	28.85	1.1393	-0.0016	71.3	35 578	15 477			
28 545	-1 544c	53.52	11.88	25.4	28.04	1.2014	-0.0012	64.9	36 580	15 478			
29 550	-1 549c	49.33	14.3	23.43	27.45	1.2693	-0.0009	58.5	36 582	15 479			
30 555	-1 554c	45.14	16.42	21.44	27.01	1.3431	-0.0007	52.5	36 584	16 480			
31 560	-1 559c	40.99	18.19	19.47	26.65	1.4231	-0.0006	46.9	37 587	16 481			
32 562	1 405	48.71	19.83	16.97	26.1	1.3864	-0.1273	40.5	38 590	16 482	Rm		
32 562	7 435	48.27	26.08	4.41	26.45	1.5196	-0.3844	9.5	-1 488c	17 488			
32 564	10 450	47.55	31.0	-6.48	31.67	1.6311	-0.6121	348.1	-1 497c	19 497			
33 566	11 460	46.32	32.55	-10.42	34.18	1.682	-0.7007	342.2	-1 502c	20 502			
33 568	12 465	45.33	33.78	-14.0	36.57	1.7246	-0.7846	337.4	-1 508c	21 508			
34 570	14 470	44.21	35.1	-19.49	40.15	1.7734	-0.9166	330.9	-1 522c	24 522			
35 575	15 475	41.61	35.27	-22.49	41.83	1.827	-1.0163	327.4	-1 530c	26 530	Mm		
36 582	16 480	37.0	34.26	-26.03	43.02	1.9052	-1.1793	322.7	-1 539c	27 539			
40 602	17 485	27.39	28.13	-31.61	42.31	2.0061	-1.6296	311.6	-1 552c	30 552			
-1 489c	17 490	15.89	13.23	-37.08	39.37	1.8117	-2.8086	289.6	11 455	33 565			
-1 494c	18 495	16.97	12.27	-37.32	39.29	1.7025	-2.6742	288.2	11 458	33 565			
-1 500c	20 500	19.98	9.39	-36.91	38.09	1.4493	-2.3227	284.2	12 463	33 567			
-1 509c	21 510	22.05	7.4	-36.26	37.01	1.3149	-2.1206	281.5	13 465	33 568			
-1 519c	23 520	27.48	2.36	-34.09	34.17	1.0654	-1.7161	273.9	14 470	34 571	Bm		
-1 530c	26 530	38.3	-6.39	-29.21	29.9	0.8124	-1.2384	257.6	15 475	35 576			
-1 539c	27 540	42.33	-9.22	-27.34	28.85	0.7613	-1.1216	251.3	15 477	35 578			
-1 544c	28 545	46.47	-11.88	-25.4	28.04	0.7235	-1.0224	244.9	15 478	36 580			
-1 549c	29 550	50.66	-14.3	-23.43	27.45	0.6969	-0.9383	238.5	15 479	36 582			
-1 554c	30 555	54.85	-16.42	-21.44	27.01	0.6798	-0.8668	232.5	16 480	36 584			
-1 559c	31 560	59.0	-18.19	-19.47	26.65	0.671	-0.8059	226.9	16 481	37 587			
380	770	88.59	0.0	0.0	0.01	0.9793	-0.4758	0.0					

TUB-test chart SN67; maximum C_{AB} , $Y_m=520_770$
YABCABh & LabCa'b'h data for illuminant Q00, $Y_w=88,6$

CIE data for all optimal colours of maximum (m) C_{AB} , Q00 and $Y_w=88.6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$L^*_{88.6}$	$a^*_{88.6}$	$b^*_{88.6}$	C^*_{ab}	a'	b'	h_{ab}	i_d, λ_d	i_c, λ_c	Code		
1 405	32 562	76.85	-61.69	-30.8	68.96	0.184	-0.1058	206.5	16 482	38 590	Cm		
7 435	32 562	77.12	-85.98	-9.06	86.46	0.1709	-0.0937	186.0	17 488	-1 488c			
10 450	32 564	77.54	-107.01	15.39	108.11	0.1598	-0.0802	171.8	19 497	-1 497c			
11 460	33 566	78.27	-111.81	26.05	114.81	0.1576	-0.0745	166.8	20 502	-1 502c			
12 465	33 568	78.85	-115.61	37.13	121.43	0.156	-0.0685	162.1	21 508	-1 508c			
14 470	34 570	79.49	-119.49	58.78	133.16	0.1544	-0.057	153.8	24 522	-1 522c			
15 475	35 575	80.95	-114.37	70.98	134.61	0.158	-0.051	148.1	26 530	-1 530c	Gm		
16 480	36 582	83.44	-101.44	84.23	131.86	0.166	-0.0451	140.2	27 539	-1 539c			
17 485	40 602	88.26	-69.44	100.69	122.32	0.1839	-0.039	124.5	30 552	-1 552c			
17 490	-1 489c	93.5	-26.76	109.71	112.92	0.2052	-0.0371	103.7	33 565	11 455			
18 495	-1 494c	93.02	-24.95	116.4	119.05	0.206	-0.0337	102.1	33 565	11 458			
20 500	-1 500c	91.69	-19.34	127.67	129.13	0.2085	-0.0276	98.6	33 567	12 463			
21 510	-1 509c	90.76	-15.37	132.32	133.21	0.2103	-0.0249	96.6	33 568	13 465			
23 520	-1 519c	88.21	-5.04	136.25	136.34	0.2151	-0.0202	92.1	34 571	14 470	Ym		
26 530	-1 530c	82.75	14.51	137.34	138.11	0.2249	-0.0148	83.9	35 576	15 475			
27 540	-1 539c	80.55	21.53	135.24	136.94	0.2288	-0.0133	80.9	35 578	15 477			
28 545	-1 544c	78.19	28.62	132.28	135.34	0.2329	-0.0121	77.7	36 580	15 478			
29 550	-1 549c	75.66	35.67	128.66	133.52	0.2372	-0.0111	74.5	36 582	15 479			
30 555	-1 554c	72.99	42.59	124.53	131.61	0.2417	-0.0103	71.1	36 584	16 480			
31 560	-1 559c	70.17	49.27	119.99	129.71	0.2464	-0.0097	67.6	37 587	16 481			
32 562	1 405	75.27	48.33	55.93	73.92	0.2443	-0.0571	49.1	38 590	16 482	Rm		
32 562	7 435	75.0	61.85	10.76	62.78	0.2518	-0.0826	9.8	-1 488c	17 488			
32 564	10 450	74.55	72.34	-13.67	73.62	0.2579	-0.0965	349.2	-1 497c	19 497			
33 566	11 460	73.76	76.43	-21.31	79.34	0.2605	-0.1009	344.4	-1 502c	20 502			
33 568	12 465	73.11	79.73	-27.87	84.46	0.2627	-0.1048	340.7	-1 508c	21 508			
34 570	14 470	72.37	83.36	-37.21	91.29	0.2652	-0.1104	335.9	-1 522c	24 522			
35 575	15 475	70.61	86.23	-42.97	96.35	0.2678	-0.1142	333.5	-1 530c	26 530	Mm		
36 582	16 480	67.28	89.14	-50.72	102.56	0.2716	-0.1201	330.3	-1 539c	27 539			
40 602	17 485	59.34	87.67	-65.89	109.67	0.2763	-0.1337	323.0	-1 552c	30 552			
-1 489c	17 490	46.85	61.62	-87.44	106.97	0.2671	-0.1603	305.1	11 455	33 565			
-1 494c	18 495	48.24	56.02	-86.14	102.75	0.2616	-0.1577	303.0	11 458	33 565			
-1 500c	20 500	51.83	40.79	-81.41	91.06	0.2479	-0.1505	296.6	12 463	33 567			
-1 509c	21 510	54.09	31.17	-78.0	84.0	0.24	-0.146	291.7	13 465	33 568			
-1 519c	23 520	59.43	9.26	-69.37	69.99	0.2237	-0.1361	277.6	14 470	34 571	Bm		
-1 530c	26 530	68.25	-21.91	-54.54	58.78	0.2044	-0.122	248.1	15 475	35 576			
-1 539c	27 540	71.11	-30.21	-49.68	58.14	0.2	-0.1181	238.6	15 477	35 578			
-1 544c	28 545	73.85	-37.16	-44.98	58.35	0.1966	-0.1145	230.4	15 478	36 580			
-1 549c	29 550	76.47	-42.72	-40.49	58.86	0.1942	-0.1112	223.4	15 479	36 582			
-1 554c	30 555	78.96	-46.87	-36.23	59.24	0.1926	-0.1083	217.6	16 480	36 584			
-1 559c	31 560	81.3	-49.64	-32.2	59.18	0.1918	-0.1057	212.9	16 481	37 587			
380	770	95.41	0.0	0.0	0.0	0.2175	-0.0887	0.0					

see similar files: <http://130.149.60.45/~farbmetrik/SN67/SN67.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 $Y_{w,10}=88,6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$Y_{88.6}$	$A_{88.6}$	$B_{88.6}$	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
-1 549c	29 549	41.2	-15.57	-20.59	25.82	0.6646	-0.9354	232.9	15 479	36 581	Cm		
7 435	32 560	50.19	-25.24	-6.73	26.13	0.5396	-0.5698	194.9	17 487	-1 487c			
10 450	32 562	51.12	-30.36	3.7	30.59	0.4486	-0.363	173.0	19 495	-1 495c			
11 460	32 564	52.82	-32.13	7.81	33.07	0.4343	-0.2876	166.3	20 500	-1 500c			
12 465	33 566	53.89	-33.37	11.41	35.27	0.4233	-0.2237	161.1	21 506	-1 506c			
13 470	33 569	55.95	-34.34	15.04	37.49	0.4288	-0.1667	156.3	22 514	-1 514c			
15 475	34 574	58.52	-34.57	20.2	40.04	0.4518	-0.0903	149.6	25 529	-1 529c	Gm		
16 480	36 582	63.08	-33.3	23.55	40.79	0.5146	-0.0621	144.7	27 538	-1 538c			
16 485	40 601	73.27	-27.78	27.99	39.43	0.6635	-0.0535	134.7	0 400	1 407			
18 490	-1 490c	83.1	-11.75	34.02	35.99	0.9011	-0.0261	109.0	32 563	11 457			
18 495	-1 494c	83.1	-11.75	34.02	35.99	0.9011	-0.0261	109.0	32 563	11 457			
20 500	-1 500c	80.1	-8.69	33.73	34.83	0.934	-0.0144	104.4	33 565	12 462			
22 510	-1 510c	75.54	-4.3	32.32	32.61	0.9855	-0.0076	97.5	33 567	13 467			
24 520	-1 520c	69.3	1.13	29.89	29.91	1.059	-0.0042	87.8	34 570	14 471	Ym		
26 530	-1 530c	61.61	7.02	26.69	27.6	1.1566	-0.0022	75.2	34 574	15 475			
27 540	-1 539c	57.49	9.81	24.94	26.81	1.2134	-0.0016	68.5	35 576	15 476			
28 545	-1 544c	53.27	12.41	23.13	26.25	1.2757	-0.0012	61.7	35 578	15 478			
0 400	1 407	0.0	0.25	-0.25	0.36	67.5944	-66.9128	15.0	1 406	0 401			
30 555	3 415	44.67	17.93	18.14	25.51	1.4441	-0.0294	45.3	36 584	16 481			
31 560	5 428	40.52	22.1	12.27	25.28	1.5879	-0.1326	29.0	39 596	16 484			
29 549	-1 549c	58.79	15.57	20.59	25.82	1.3074	-0.0852	52.9	36 581	15 479	Rm		
32 560	7 435	49.8	25.24	6.73	26.13	1.5495	-0.3002	14.9	-1 487c	17 487			
32 562	10 450	48.87	30.36	-3.7	30.59	1.6639	-0.5114	353.0	-1 495c	19 495			
32 564	11 460	47.17	32.13	-7.81	33.07	1.7238	-0.6012	346.3	-1 500c	20 500			
33 566	12 465	46.1	33.37	-11.41	35.27	1.7666	-0.6832	341.1	-1 506c	21 506			
33 569	13 470	44.04	34.34	-15.04	37.49	1.8224	-0.777	336.3	-1 514c	22 514			
34 574	15 475	41.47	34.57	-20.2	40.04	1.876	-0.9226	329.6	-1 529c	25 529	Mm		
36 582	16 480	36.91	33.3	-23.55	40.79	1.9446	-1.0736	324.7	-1 538c	27 538			
40 601	16 485	26.72	27.78	-27.99	39.43	2.0823	-1.4831	314.7	1 407	0 400			
-1 490c	18 490	16.89	11.75	-34.02	35.99	1.7386	-2.4491	289.0	11 457	32 563			
-1 494c	18 495	16.89	11.75	-34.02	35.99	1.7386	-2.4491	289.0	11 457	32 563			
-1 500c	20 500	19.89	8.69	-33.73	34.83	1.4797	-2.1309	284.4	12 462	33 565			
-1 510c	22 510	24.45	4.3	-32.32	32.61	1.2189	-1.7576	277.5	13 467	33 567			
-1 520c	24 520	30.69	-1.13	-29.89	29.91	1.0056	-1.4096	267.8	14 471	34 570	Bm		
-1 530c	26 530	38.38	-7.02	-26.69	27.6	0.8596	-1.1312	255.2	15 475	34 574			
-1 539c	27 540	42.5	-9.81	-24.94	26.81	0.8115	-1.0225	248.5	15 476	35 576			
-1 544c	28 545	46.72	-12.41	-23.13	26.25	0.7769	-0.9306	241.7	15 478	35 578			
1 407	0 400	99.99	-0.26	0.26	0.37	1.04	-0.4329	135.0	0 401	1 406			
3 415	30 555	55.32	-17.93	-18.14	25.51	0.7184	-0.7634	225.3	16 481	36 584			
5 428	31 560	59.47	-22.1	-12.27	25.28	0.671	-0.6419	209.0	16 484	39 596			
380	770	88.59	0.0	0.0	0.01	1.0426	-0.4355	0.0					

5-001030-L0

SN670-7N_1

TUB-test chart SN67; maximum C_{AB} , $Y_m=520_770$
YABCABh & LabCa'b'h data for illuminant D65, $Y_{w,10}=88,6$

CIE data for all optimal colours of maximum (m) C_{AB} , D65 and $Y_{w,10}=88,6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$L^*_{88.6}$	$a^*_{88.6}$	$b^*_{88.6}$	C^*_{ab}	a'	b'	h_{ab}	i_d, λ_d	i_c, λ_c	Code		
-1 549c	29 549	70.32	-51.83	-43.18	67.46	0.1912	-0.1111	219.7	15 479	36 581	Cm		
7 435	32 560	76.19	-78.31	-14.88	79.71	0.1783	-0.0942	190.7	17 487	-1 487c			
10 450	32 562	76.75	-97.95	9.42	98.4	0.1677	-0.081	174.5	19 495	-1 495c			
11 460	32 564	77.77	-102.31	20.87	104.41	0.1659	-0.075	168.4	20 500	-1 500c			
12 465	33 566	78.4	-105.57	32.4	110.44	0.1645	-0.069	162.9	21 506	-1 506c			
13 470	33 569	79.59	-105.59	45.13	114.83	0.1652	-0.0625	156.8	22 514	-1 514c			
15 475	34 574	81.03	-101.7	68.24	122.48	0.1681	-0.051	146.1	25 529	-1 529c	Gm		
16 480	36 582	83.49	-89.89	81.87	121.59	0.1755	-0.045	137.6	27 538	-1 538c			
16 485	40 601	88.58	-63.03	90.61	110.38	0.191	-0.0428	124.8	0 400	1 407			
18 490	-1 490c	93.06	-22.3	114.34	116.49	0.2116	-0.0337	101.0	32 563	11 457			
18 495	-1 494c	93.06	-22.3	114.34	116.49	0.2116	-0.0337	101.0	32 563	11 457			
20 500	-1 500c	91.73	-16.7	125.95	127.05	0.2141	-0.0277	97.5	33 565	12 462			
22 510	-1 510c	89.65	-8.46	134.61	134.87	0.218	-0.0224	93.5	33 567	13 467			
24 520	-1 520c	86.66	2.3	138.0	138.02	0.2233	-0.0183	89.0	34 570	14 471	Ym		
26 530	-1 530c	82.71	14.97	137.18	137.99	0.2299	-0.0149	83.7	34 574	15 475			
27 540	-1 539c	80.46	21.56	135.02	136.73	0.2336	-0.0134	80.9	35 576	15 476			
28 545	-1 544c	78.04	28.19	131.99	134.97	0.2376	-0.0121	77.9	35 578	15 478			
0 400	1 407	0.03	9.78	-10.19	14.13	0.8925	-0.4615	313.8	1 406	0 401			
30 555	3 415	72.68	43.84	90.53	100.58	0.2476	-0.0351	64.1	36 584	16 481			
31 560	5 428	69.84	55.69	48.41	73.79	0.2556	-0.0579	40.9	39 596	16 484			
29 549	-1 549c	81.18	32.82	70.24	77.53	0.2395	-0.05	64.9	36 581	15 479	Rm		
32 560	7 435	75.95	55.95	18.48	58.93	0.2535	-0.0761	18.2	-1 487c	17 487			
32 562	10 450	75.38	66.39	-8.66	66.96	0.2596	-0.0909	352.5	-1 495c	19 495			
32 564	11 460	74.3	71.01	-17.65	73.17	0.2627	-0.0959	346.0	-1 500c	20 500			
33 566	12 465	73.61	74.21	-25.01	78.32	0.2648	-0.1001	341.3	-1 506c	21 506			
33 569	13 470	72.26	77.82	-32.38	84.29	0.2676	-0.1045	337.4	-1 514c	22 514			
34 574	15 475	70.51	80.64	-42.39	91.11	0.2702	-0.1106	332.2	-1 529c	25 529	Mm		
36 582	16 480	67.22	82.82	-50.32	96.92	0.2734	-0.1164	328.7	-1 538c	27 538			
40 601	16 485	58.72	83.5	-64.97	105.8	0.2797	-0.1296	322.1	1 407	0 400			
-1 490c	18 490	48.14	51.35	-86.03	100.19	0.2634	-0.1532	300.8	11 457	32 563			
-1 494c	18 495	48.14	51.35	-86.03	100.19	0.2634	-0.1532	300.8	11 457	32 563			
-1 500c	20 500	51.73	36.12	-81.43	89.09	0.2496	-0.1462	293.9	12 462	33 565			
-1 510c	22 510	56.54	16.7	-74.03	75.89	0.234	-0.1371	282.7	13 467	33 567			
-1 520c	24 520	62.25	-4.03	-64.63	64.76	0.2195	-0.1274	266.4	14 471	34 570	Bm		
-1 530c	26 530	68.3	-22.63	-54.43	58.95	0.2083	-0.1184	247.4	15 475	34 574			
-1 539c	27 540	71.22	-30.11	-49.47	57.92	0.2043	-0.1145	238.6	15 476	35 576			
-1 544c	28 545	74.02	-36.23	-44.69	57.53	0.2014	-0.1109	230.9	15 478	35 578			
1 407	0 400	100.0	-0.41	0.4	0.58	0.2219	-0.0859	136.2	0 401	1 406			
3 415	30 555	79.23	-47.91	-33.77	58.62	0.1962	-0.1038	215.1	16 481	36 584			
5 428	31 560	81.55	-57.43	-23.21	61.94	0.1918	-0.098	202.0	16 484	39 596			
380	770	95.41	0.0	0.0	0.0	0.2221	-0.0861	0.0					

5-001030-L0

SN671-7N_1

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

see similar files: <http://130.149.60.45/~farbmetrik/SN67/SN67.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 $Y_{w,10}=88,6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$Y_{88.6}$	$A_{88.6}$	$B_{88.6}$	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	31 555	43.51	-20.36	-14.54	25.03	0.5817	-0.6643	215.5	16 483	37 586	Cm		
7 435	32 563	49.66	-26.1	-6.1	26.8	0.5243	-0.4529	193.1	17 489	45 627			
10 450	32 564	50.37	-29.9	1.57	29.94	0.4562	-0.2987	176.9	19 497	-1 497c			
12 460	33 566	51.38	-31.95	6.93	32.69	0.428	-0.1949	167.7	21 505	-1 505c			
13 465	33 567	52.13	-32.61	9.34	33.92	0.4241	-0.1506	164.0	22 511	-1 511c			
14 470	33 569	53.58	-33.07	11.63	35.06	0.4326	-0.1127	160.6	23 518	-1 518c			
15 475	34 573	55.82	-33.0	13.84	35.78	0.4586	-0.0819	157.2	25 527	-1 527c	Gm		
16 480	35 579	59.25	-32.27	16.11	36.07	0.5051	-0.058	153.4	27 535	-1 535c			
17 485	37 589	65.2	-29.5	18.91	35.04	0.5973	-0.0398	147.3	29 545	-1 545c			
18 490	-1 490c	84.13	-8.1	25.79	27.04	0.9535	-0.0233	107.4	33 566	11 459			
19 495	-1 495c	82.96	-6.9	25.91	26.81	0.9666	-0.0176	104.9	33 566	12 462			
19 500	-1 499c	82.96	-6.9	25.91	26.81	0.9666	-0.0176	104.9	33 566	12 462			
22 510	-1 510c	77.37	-1.39	24.98	25.01	1.0318	-0.0071	93.1	33 569	13 469			
24 520	-1 520c	71.55	3.71	23.32	23.62	1.1017	-0.0039	80.9	34 572	14 473	Ym		
25 530	-1 529c	68.03	6.54	22.25	23.19	1.1459	-0.0029	73.6	34 574	15 475			
27 540	-1 539c	60.24	12.11	19.78	23.19	1.2509	-0.0015	58.5	35 577	15 479			
28 545	-1 544c	56.11	14.67	18.45	23.57	1.3114	-0.0011	51.4	35 579	16 480			
29 550	-1 549c	51.87	17.02	17.07	24.1	1.378	-0.0009	45.0	36 581	16 481			
30 555	-1 554c	47.59	19.06	15.67	24.67	1.4503	-0.0007	39.4	36 584	16 483			
32 560	3 416	39.23	22.73	11.98	25.7	1.6293	-0.0245	27.7	38 591	17 485			
31 555	1 405	56.48	20.36	14.54	25.03	1.4104	-0.0724	35.5	37 586	16 483	Rm		
32 563	7 435	50.33	26.1	6.1	26.8	1.5684	-0.2085	13.1	45 627	17 489			
32 564	10 450	49.62	29.9	-1.57	29.94	1.6524	-0.3617	356.9	-1 497c	19 497			
33 566	12 460	48.61	31.95	-6.93	32.69	1.707	-0.4727	347.7	-1 505c	21 505			
33 567	13 465	47.86	32.61	-9.34	33.92	1.7312	-0.5252	344.0	-1 511c	22 511			
33 569	14 470	46.41	33.07	-11.63	35.06	1.7624	-0.5807	340.6	-1 518c	23 518			
34 573	15 475	44.17	33.0	-13.84	35.78	1.7968	-0.6433	337.2	-1 527c	25 527	Mm		
35 579	16 480	40.74	32.27	-16.11	36.07	1.8418	-0.7253	333.4	-1 535c	27 535			
37 589	17 485	34.79	29.5	-18.91	35.04	1.8977	-0.8736	327.3	-1 545c	29 545			
-1 490c	18 490	15.86	8.1	-25.79	27.04	1.5605	-1.9558	287.4	11 459	33 566			
-1 495c	19 495	17.03	6.9	-25.91	26.81	1.4549	-1.8515	284.9	12 462	33 566			
-1 499c	19 500	17.03	6.9	-25.91	26.81	1.4549	-1.8515	284.9	12 462	33 566			
-1 510c	22 510	22.62	1.39	-24.98	25.01	1.1115	-1.434	273.1	13 469	33 569			
-1 520c	24 520	28.44	-3.71	-23.32	23.62	0.9191	-1.1502	260.9	14 473	34 572	Bm		
-1 529c	25 530	31.96	-6.54	-22.25	23.19	0.8451	-1.0261	253.6	15 475	34 574			
-1 539c	27 540	39.75	-12.11	-19.78	23.19	0.7451	-0.8276	238.5	15 479	35 577			
-1 544c	28 545	43.88	-14.67	-18.45	23.57	0.7153	-0.7504	231.4	16 480	35 579			
-1 549c	29 550	48.12	-17.02	-17.07	24.1	0.696	-0.6846	225.0	16 481	36 581			
-1 554c	30 555	52.4	-19.06	-15.67	24.67	0.6861	-0.6289	219.4	16 483	36 584			
3 416	32 560	60.76	-22.73	-11.98	25.7	0.6756	-0.5271	207.7	17 485	38 591			
380	770	88.59	0.0	0.0	0.01	1.0498	-0.3299	0.0					

5-001130-L0

SN670-7N_2

TUB-test chart SN67; maximum C_{AB} , $Y_m=520_770$
YABCABh & LabCa'b'h data for illuminant D50, $Y_{w,10}=88,6$

CIE data for all optimal colours of maximum (m) C_{AB} , D50 and $Y_{w,10}=88,6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$L^*_{88.6}$	$a^*_{88.6}$	$b^*_{88.6}$	C^*_{ab}	a'	b'	h_{ab}	i_d, λ_d	i_c, λ_c	Code		
1 405	31 555	71.9	-67.66	-39.81	78.5	0.1829	-0.0991	210.4	16 483	37 586	Cm		
7 435	32 563	75.87	-81.79	-17.64	83.67	0.1766	-0.0873	192.1	17 489	45 627			
10 450	32 564	76.3	-96.48	5.19	96.62	0.1686	-0.0759	176.9	19 497	-1 497c			
12 460	33 566	76.91	-103.48	25.76	106.64	0.1651	-0.0659	166.0	21 505	-1 505c			
13 465	33 567	77.36	-104.89	37.01	111.23	0.1646	-0.0604	160.5	22 511	-1 511c			
14 470	33 569	78.22	-103.87	48.85	114.78	0.1657	-0.0549	154.8	23 518	-1 518c			
15 475	34 573	79.51	-99.29	61.14	116.61	0.1689	-0.0493	148.3	25 527	-1 527c	Gm		
16 480	35 579	81.43	-90.86	73.82	117.07	0.1744	-0.044	140.9	27 535	-1 535c			
17 485	37 589	84.59	-74.28	87.68	114.91	0.1845	-0.0388	130.2	29 545	-1 545c			
18 490	-1 490c	93.51	-14.89	110.68	111.68	0.2156	-0.0324	97.6	33 566	11 459			
19 495	-1 495c	93.0	-12.74	117.07	117.76	0.2166	-0.0295	96.2	33 566	12 462			
19 500	-1 499c	93.0	-12.74	117.07	117.76	0.2166	-0.0295	96.2	33 566	12 462			
22 510	-1 510c	90.49	-2.64	132.38	132.4	0.2213	-0.0218	91.1	33 569	13 469			
24 520	-1 520c	87.76	7.25	140.25	140.44	0.2262	-0.0179	87.0	34 572	14 473	Ym		
25 530	-1 529c	86.03	13.03	140.55	141.15	0.2292	-0.0162	84.7	34 574	15 475			
27 540	-1 539c	81.97	25.4	137.63	139.96	0.236	-0.0132	79.5	35 577	15 479			
28 545	-1 544c	79.68	31.74	134.8	138.49	0.2398	-0.012	76.7	35 579	16 480			
29 550	-1 549c	77.21	38.12	131.28	136.7	0.2438	-0.011	73.8	36 581	16 481			
30 555	-1 554c	74.57	44.39	127.21	134.74	0.248	-0.0102	70.7	36 584	16 483			
32 560	3 416	68.92	57.74	84.73	102.54	0.2578	-0.033	55.7	38 591	17 485			
31 555	1 405	79.89	42.74	65.59	78.29	0.2457	-0.0473	56.9	37 586	16 483	Rm		
32 563	7 435	76.27	56.94	22.55	61.24	0.2545	-0.0674	21.6	45 627	17 489			
32 564	10 450	75.84	64.61	-4.92	64.8	0.259	-0.0809	355.6	-1 497c	19 497			
33 566	12 460	75.21	69.15	-20.01	71.99	0.2618	-0.0885	343.8	-1 505c	21 505			
33 567	13 465	74.74	70.95	-26.21	75.64	0.263	-0.0917	339.7	-1 511c	22 511			
33 569	14 470	73.81	72.96	-32.1	79.71	0.2646	-0.0948	336.2	-1 518c	23 518			
34 573	15 475	72.35	74.7	-37.96	83.79	0.2663	-0.0981	333.0	-1 527c	25 527	Mm		
35 579	16 480	70.0	76.38	-44.51	88.4	0.2685	-0.1021	329.7	-1 535c	27 535			
37 589	17 485	65.59	76.71	-53.92	93.77	0.2712	-0.1086	324.8	-1 545c	29 545			
-1 490c	18 490	46.81	38.22	-87.65	95.62	0.2541	-0.1421	293.5	11 459	33 566			
-1 495c	19 495	48.31	31.84	-86.12	91.81	0.2482	-0.1395	290.2	12 462	33 566			
-1 499c	19 500	48.31	31.84	-86.12	91.81	0.2482	-0.1395	290.2	12 462	33 566			
-1 510c	22 510	54.69	5.85	-76.99	77.22	0.2269	-0.1281	274.3	13 469	33 569			
-1 520c	24 520	60.29	-14.25	-67.89	69.37	0.213	-0.1191	258.1	14 473	34 572	Bm		
-1 529c	25 530	63.31	-23.83	-62.84	67.21	0.2071	-0.1146	249.2	15 475	34 574			
-1 539c	27 540	69.3	-39.69	-52.73	66.01	0.1986	-0.1067	233.0	15 479	35 577			
-1 544c	28 545	72.15	-45.6	-47.87	66.12	0.1959	-0.1033	226.3	16 480	35 579			
-1 549c	29 550	74.91	-50.15	-43.16	66.17	0.1941	-0.1001	220.7	16 481	36 581			
-1 554c	30 555	77.52	-53.27	-38.67	65.83	0.1932	-0.0974	215.9	16 483	36 584			
3 416	32 560	82.25	-57.85	-28.62	64.54	0.1922	-0.0918	206.3	17 485	38 591			
380	770	95.41	0.0	0.0	0.0	0.2226	-0.0785	0.0					

see similar files: <http://130.149.60.45/~farbmetrik/SN67/SN67.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 $Y_{w,10}=88.6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$Y_{88.6}$	$A_{88.6}$	$B_{88.6}$	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	32 560	44.07	-23.04	-11.24	25.64	0.5691	-0.5138	205.9	17 486	37 589	Cm		
7 435	33 566	48.6	-27.47	-4.6	27.85	0.5268	-0.3534	189.5	18 492	-1 492c			
10 450	33 567	49.19	-30.21	1.01	30.22	0.478	-0.2382	178.0	19 499	-1 499c			
12 460	33 569	50.04	-31.71	4.91	32.09	0.4583	-0.1605	171.1	21 506	-1 506c			
12 465	34 570	50.9	-31.85	5.13	32.26	0.4664	-0.1578	170.8	21 507	-1 507c			
13 470	34 571	52.11	-32.31	7.09	33.08	0.4719	-0.1226	167.6	22 513	-1 513c			
14 475	34 574	53.96	-32.59	8.96	33.8	0.4882	-0.0926	164.6	24 522	-1 522c	Gm		
16 480	35 578	56.22	-31.95	11.59	33.99	0.5236	-0.0525	160.0	27 535	-1 535c			
16 485	37 585	61.42	-30.85	12.93	33.45	0.5898	-0.0481	157.2	28 541	-1 541c			
18 490	41 605	71.65	-22.38	16.81	27.99	0.7797	-0.024	143.0	31 557	-1 557c			
19 495	-1 495c	84.05	-5.01	20.45	21.05	1.0323	-0.0154	103.7	33 569	12 462			
20 500	-1 500c	82.78	-3.66	20.45	20.78	1.0478	-0.0116	100.1	34 570	13 465			
22 510	-1 510c	79.15	0.0	19.97	19.97	1.0921	-0.0063	89.9	34 572	14 470			
24 520	-1 520c	73.89	4.84	18.85	19.47	1.1577	-0.0035	75.5	34 574	15 475	Ym		
26 530	-1 530c	67.28	10.24	17.27	20.08	1.2443	-0.0019	59.3	35 577	15 478			
28 540	-1 540c	59.71	15.5	15.38	21.83	1.3517	-0.0011	44.7	36 581	16 482			
29 545	-1 545c	55.69	17.89	14.36	22.94	1.4133	-0.0008	38.7	36 583	16 483			
29 550	-1 549c	55.69	17.89	14.36	22.94	1.4133	-0.0008	38.7	36 583	16 483			
30 555	-1 554c	51.57	20.02	13.3	24.04	1.4803	-0.0007	33.6	37 585	16 484			
32 560	-1 560c	43.22	23.2	11.16	25.74	1.6288	-0.0005	25.6	37 589	17 486			
32 560	1 405	55.92	23.04	11.24	25.64	1.5041	-0.0577	25.9	37 589	17 486	Rm		
33 566	7 435	51.39	27.47	4.6	27.85	1.6266	-0.1691	9.5	-1 492c	18 492			
33 567	10 450	50.8	30.21	-1.01	30.22	1.6867	-0.2786	358.0	-1 499c	19 499			
33 569	12 460	49.95	31.71	-4.91	32.09	1.7269	-0.3571	351.1	-1 506c	21 506			
34 570	12 465	49.09	31.85	-5.13	32.26	1.7408	-0.3634	350.8	-1 507c	21 507			
34 571	13 470	47.88	32.31	-7.09	33.08	1.767	-0.4068	347.6	-1 513c	22 513			
34 574	14 475	46.03	32.58	-8.96	33.8	1.8	-0.4535	344.6	-1 522c	24 522	Mm		
35 578	16 480	43.77	31.95	-11.59	33.99	1.8221	-0.5235	340.0	-1 535c	27 535			
37 585	16 485	38.57	30.85	-12.93	33.45	1.8918	-0.594	337.2	-1 541c	28 541			
41 605	18 490	28.34	22.38	-16.81	27.99	1.8817	-0.8521	323.0	-1 557c	31 557			
-1 495c	19 495	15.94	5.01	-20.44	21.05	1.4067	-1.5411	283.7	12 462	33 569			
-1 500c	20 500	17.21	3.66	-20.45	20.78	1.305	-1.447	280.1	13 465	34 570			
-1 510c	22 510	20.84	0.0	-19.97	19.97	1.0918	-1.2171	269.9	14 470	34 572			
-1 520c	24 520	26.1	-4.84	-18.85	19.47	0.9063	-0.9812	255.5	15 475	34 574	Bm		
-1 530c	26 530	32.71	-10.24	-17.27	20.08	0.779	-0.7867	239.3	15 478	35 577			
-1 540c	28 540	40.28	-15.5	-15.38	21.83	0.7073	-0.6405	224.7	16 482	36 581			
-1 545c	29 545	44.3	-17.89	-14.36	22.94	0.6882	-0.5828	218.7	16 483	36 583			
-1 549c	29 550	44.3	-17.89	-14.36	22.94	0.6882	-0.5828	218.7	16 483	36 583			
-1 554c	30 555	48.42	-20.02	-13.3	24.04	0.6786	-0.5335	213.6	16 484	37 585			
-1 560c	32 560	56.77	-23.2	-11.16	25.74	0.6834	-0.4553	205.6	17 486	37 589			
380	770	88.59	0.0	0.0	0.01	1.092	-0.2587	0.0					

5-001230-L0

SN670-7N_3

TUB-test chart SN67; maximum C_{AB} , $Y_m=520_770$
YABCABh & LabCa'b'h data for illuminant P40, $Y_{w,10}=88,6$ output: no change compared

CIE data for all optimal colours of maximum (m) C_{AB} , P40 and $Y_{w,10}=88,6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$L^*_{88,6}$	$a^*_{88,6}$	$b^*_{88,6}$	C^*_{ab}	a'	b'	h_{ab}	i_d, λ_d	i_c, λ_c	Code		
1 405	32 560	72.28	-74.28	-39.09	83.94	0.1815	-0.091	207.7	17 486	37 589	Cm		
7 435	33 566	75.21	-84.77	-17.22	86.51	0.1769	-0.0803	191.4	18 492	-1 492c			
10 450	33 567	75.58	-94.99	4.29	95.09	0.1713	-0.0704	177.4	19 499	-1 499c			
12 460	33 569	76.1	-99.72	23.36	102.42	0.1689	-0.0617	166.8	21 506	-1 506c			
12 465	34 570	76.62	-98.56	24.26	101.5	0.1699	-0.0614	166.1	21 507	-1 507c			
13 470	34 571	77.35	-98.14	35.44	104.34	0.1705	-0.0564	160.1	22 513	-1 513c			
14 475	34 574	78.44	-95.79	47.21	106.8	0.1725	-0.0514	153.7	24 522	-1 522c	Gm		
16 480	35 578	79.74	-89.65	68.01	112.53	0.1766	-0.0425	142.8	27 535	-1 535c			
16 485	37 585	82.61	-78.88	72.91	107.42	0.1837	-0.0413	137.2	28 541	-1 541c			
18 490	41 605	87.8	-47.52	97.88	108.81	0.2016	-0.0328	115.8	31 557	-1 557c			
19 495	-1 495c	93.47	-8.76	114.91	115.25	0.2214	-0.0283	94.3	33 569	12 462			
20 500	-1 500c	92.92	-6.43	120.95	121.12	0.2225	-0.0257	93.0	34 570	13 465			
22 510	-1 510c	91.3	0.0	131.03	131.03	0.2256	-0.0211	89.9	34 572	14 470			
24 520	-1 520c	88.87	8.87	137.27	137.55	0.23	-0.0173	86.2	34 574	15 475	Ym		
26 530	-1 530c	85.65	19.47	142.49	143.82	0.2356	-0.0142	82.2	35 577	15 478			
28 540	-1 540c	81.68	31.01	138.25	141.69	0.2422	-0.0117	77.3	36 581	16 482			
29 545	-1 545c	79.44	36.92	135.08	140.04	0.2458	-0.0108	74.7	36 583	16 483			
29 550	-1 549c	79.44	36.92	135.08	140.04	0.2458	-0.0108	74.7	36 583	16 483			
30 555	-1 554c	77.03	42.78	131.39	138.18	0.2497	-0.0101	71.9	37 585	16 484			
32 560	-1 560c	71.71	53.88	122.75	134.06	0.2577	-0.0091	66.3	37 589	17 486			
32 560	1 405	79.57	46.39	64.8	79.69	0.251	-0.0439	54.4	37 589	17 486	Rm		
33 566	7 435	76.92	56.88	21.15	60.68	0.2576	-0.0628	20.4	-1 492c	18 492			
33 567	10 450	76.56	62.2	-3.99	62.33	0.2608	-0.0742	356.3	-1 499c	19 499			
33 569	12 460	76.04	65.46	-18.0	67.89	0.2628	-0.0806	344.6	-1 506c	21 506			
34 570	12 465	75.51	66.31	-18.91	68.96	0.2635	-0.0811	344.0	-1 507c	21 507			
34 571	13 470	74.75	68.04	-25.47	72.66	0.2648	-0.0842	339.4	-1 513c	22 513			
34 574	14 475	73.57	69.96	-31.76	76.83	0.2665	-0.0873	335.5	-1 522c	24 522	Mm		
35 578	16 480	72.08	70.62	-40.21	81.27	0.2676	-0.0916	330.3	-1 535c	27 535			
37 585	16 485	68.44	73.15	-46.47	86.66	0.2709	-0.0955	327.5	-1 541c	28 541			
41 605	18 490	60.2	65.3	-64.07	91.48	0.2704	-0.1077	315.5	-1 557c	31 557			
-1 495c	19 495	46.91	23.87	-88.12	91.29	0.2455	-0.1313	285.1	12 462	33 569			
-1 500c	20 500	48.54	17.0	-86.21	87.87	0.2394	-0.1285	281.1	13 465	34 570			
-1 510c	22 510	52.78	-0.01	-80.09	80.09	0.2256	-0.1213	269.9	14 470	34 572			
-1 520c	24 520	58.14	-19.25	-71.49	74.03	0.212	-0.1129	254.9	15 475	34 574	Bm		
-1 530c	26 530	63.94	-36.67	-61.83	71.89	0.2016	-0.1049	239.3	15 478	35 577			
-1 540c	28 540	69.68	-49.76	-52.1	72.05	0.1952	-0.0979	226.3	16 482	36 581			
-1 545c	29 545	72.44	-54.35	-47.39	72.12	0.1934	-0.0949	221.0	16 483	36 583			
-1 549c	29 550	72.44	-54.35	-47.39	72.12	0.1934	-0.0949	221.0	16 483	36 583			
-1 554c	30 555	75.09	-57.57	-42.84	71.76	0.1925	-0.0922	216.6	16 484	37 585			
-1 560c	32 560	80.05	-59.88	-34.32	69.02	0.1929	-0.0874	209.8	17 486	37 589			
380	770	95.41	0.0	0.0	0.0	0.2256	-0.0724	0.0					

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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 $Y_{w,10}=88,6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$Y_{88.6}$	$A_{88.6}$	$B_{88.6}$	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	33 569	44.75	-27.14	-6.12	27.82	0.5657	-0.2792	192.7	18 493	39 595	Cm		
6 435	34 572	47.1	-28.54	-4.12	28.83	0.5662	-0.2298	188.2	19 495	42 610			
10 450	34 573	47.4	-30.3	-0.52	30.3	0.5328	-0.1534	180.9	20 502	-1 502c			
12 460	34 573	47.83	-31.09	1.58	31.13	0.5221	-0.1092	177.0	21 508	-1 508c			
13 465	34 574	48.14	-31.37	2.58	31.47	0.5206	-0.0886	175.2	22 512	-1 512c			
14 470	35 575	48.72	-31.52	3.5	31.72	0.5251	-0.0703	173.6	23 518	-1 518c			
15 475	35 576	49.56	-31.45	4.33	31.75	0.5376	-0.0547	172.1	25 525	-1 525c	Gm		
16 480	35 578	50.92	-31.21	5.11	31.63	0.5592	-0.0419	170.6	26 532	-1 532c			
17 485	36 581	53.19	-30.58	5.89	31.15	0.5972	-0.0314	169.0	28 540	-1 540c			
18 490	37 588	57.48	-28.9	6.87	29.71	0.6693	-0.0227	166.6	29 548	-1 548c			
18 495	40 603	68.12	-23.04	8.38	24.52	0.8339	-0.0192	160.0	31 558	-1 558c			
20 500	-1 500c	84.76	-0.61	11.29	11.3	1.165	-0.0091	93.0	34 574	13 468			
21 510	-1 509c	83.55	0.73	11.31	11.33	1.181	-0.0069	86.2	35 575	14 471			
24 520	-1 520c	77.79	6.61	10.83	12.69	1.2572	-0.003	58.6	35 578	15 479	Ym		
26 530	-1 530c	72.2	11.6	10.15	15.41	1.3329	-0.0017	41.1	36 580	16 483			
27 540	-1 539c	68.97	14.21	9.72	17.22	1.3782	-0.0013	34.3	36 581	17 485			
28 545	-1 544c	65.49	16.8	9.25	19.18	1.4287	-0.001	28.8	36 583	17 486			
30 550	-1 550c	57.92	21.61	8.2	23.11	1.5453	-0.0006	20.7	37 587	17 489			
30 555	-1 554c	57.92	21.61	8.2	23.11	1.5453	-0.0006	20.7	37 587	17 489			
32 560	-1 560c	49.77	25.35	7.05	26.32	1.6816	-0.0004	15.5	38 591	18 491			
33 569	1 405	55.24	27.14	6.12	27.82	1.6636	-0.0313	12.7	39 595	18 493	Rm		
34 572	6 435	52.89	28.54	4.12	28.83	1.7118	-0.0644	8.2	42 610	19 495			
34 573	10 450	52.59	30.3	0.52	30.3	1.7483	-0.1322	0.9	-1 502c	20 502			
34 573	12 460	52.16	31.09	-1.58	31.13	1.7682	-0.1726	357.0	-1 508c	21 508			
34 574	13 465	51.85	31.37	-2.58	31.47	1.7772	-0.1921	355.2	-1 512c	22 512			
35 575	14 470	51.27	31.52	-3.5	31.72	1.787	-0.2107	353.6	-1 518c	23 518			
35 576	15 475	50.43	31.45	-4.33	31.75	1.7958	-0.2283	352.1	-1 525c	25 525	Mm		
35 578	16 480	49.07	31.21	-5.11	31.63	1.8083	-0.2465	350.6	-1 532c	26 532			
36 581	17 485	46.8	30.58	-5.89	31.15	1.8257	-0.2683	349.0	-1 540c	28 540			
37 588	18 490	42.51	28.9	-6.87	29.71	1.8521	-0.304	346.6	-1 548c	29 548			
40 603	18 495	31.87	23.04	-8.38	24.52	1.8954	-0.4054	340.0	-1 558c	31 558			
-1 500c	20 500	15.23	0.61	-11.29	11.3	1.2122	-0.8832	273.0	13 468	34 574			
-1 509c	21 510	16.44	-0.73	-11.31	11.33	1.1275	-0.8302	266.2	14 471	35 575			
-1 520c	24 520	22.2	-6.61	-10.83	12.69	0.8744	-0.6303	238.6	15 479	35 578	Bm		
-1 530c	26 530	27.79	-11.6	-10.15	15.41	0.7546	-0.5076	221.1	16 483	36 580			
-1 539c	27 540	31.02	-14.21	-9.72	17.22	0.714	-0.4558	214.3	17 485	36 581			
-1 544c	28 545	34.5	-16.8	-9.25	19.18	0.6852	-0.4105	208.8	17 486	36 583			
-1 550c	30 550	42.07	-21.61	-8.2	23.11	0.6586	-0.3373	200.7	17 489	37 587			
-1 554c	30 555	42.07	-21.61	-8.2	23.11	0.6586	-0.3373	200.7	17 489	37 587			
-1 560c	32 560	50.22	-25.35	-7.05	26.32	0.6673	-0.2828	195.5	18 491	38 591			
380	770	88.58	0.0	0.0	0.01	1.1722	-0.1423	0.0					

5-001330-L0

SN670-7N_4

TUB-test chart SN67; maximum C_{AB} , $Y_m=520_770$
YABCABh & LabCa'b'h data for illuminant A00, $Y_{w,10}=88,6$

CIE data for all optimal colours of maximum (m) C _{AB} , A00 and Y _{w,10} =88.6, Y _m =520_770													
i ₁ , λ ₁	i ₂ , λ ₂	L* _{88.6}	a* _{88.6}	b* _{88.6}	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code		
1 405	33 569	72.73	-82.44	-38.53	91.01	0.1812	-0.0743	205.0	18 493	39 595	Cm		
6 435	34 572	74.26	-83.76	-26.94	87.98	0.1812	-0.0696	197.8	19 495	42 610			
10 450	34 573	74.45	-90.07	-3.96	90.16	0.1776	-0.0608	182.5	20 502	-1 502c			
12 460	34 573	74.72	-92.37	13.19	93.31	0.1764	-0.0543	171.8	21 508	-1 508c			
13 465	34 574	74.92	-92.86	22.88	95.64	0.1762	-0.0506	166.1	22 512	-1 512c			
14 470	35 575	75.28	-92.37	32.96	98.08	0.1767	-0.0469	160.3	23 518	-1 518c			
15 475	35 576	75.8	-90.52	43.14	100.27	0.1781	-0.0431	154.5	25 525	-1 525c	Gm		
16 480	35 578	76.64	-87.27	53.41	102.32	0.1805	-0.0394	148.5	26 532	-1 532c			
17 485	36 581	77.99	-81.54	64.05	103.68	0.1845	-0.0358	141.8	28 540	-1 540c			
18 490	37 588	80.45	-70.82	76.06	103.93	0.1916	-0.0321	132.9	29 548	-1 548c			
18 495	40 603	86.07	-47.2	85.62	97.77	0.2062	-0.0304	118.8	31 558	-1 558c			
20 500	-1 500c	93.78	-0.97	113.52	113.52	0.2305	-0.0237	90.4	34 574	13 468			
21 510	-1 509c	93.25	1.17	119.63	119.63	0.2315	-0.0216	89.4	35 575	14 471			
24 520	-1 520c	90.69	10.85	132.91	133.35	0.2364	-0.0164	85.3	35 578	15 479	Ym		
26 530	-1 530c	88.07	19.62	147.0	148.31	0.2411	-0.0136	82.3	36 580	16 483			
27 540	-1 539c	86.49	24.5	145.63	147.68	0.2438	-0.0124	80.4	36 581	17 485			
28 545	-1 544c	84.74	29.6	143.55	146.57	0.2467	-0.0113	78.3	36 583	17 486			
30 550	-1 550c	80.69	40.21	137.65	143.41	0.2533	-0.0098	73.7	37 587	17 489			
30 555	-1 554c	80.69	40.21	137.65	143.41	0.2533	-0.0098	73.7	37 587	17 489			
32 560	-1 560c	75.93	50.64	129.96	139.48	0.2605	-0.0089	68.7	38 591	18 491			
33 569	1 405	79.18	50.77	64.94	82.44	0.2596	-0.0358	51.9	39 595	18 493	Rm		
34 572	6 435	77.81	54.39	37.55	66.1	0.262	-0.0455	34.6	42 610	19 495			
34 573	10 450	77.64	57.52	3.89	57.65	0.2639	-0.0579	3.8	-1 502c	20 502			
34 573	12 460	77.38	59.1	-10.7	60.07	0.2649	-0.0633	349.7	-1 508c	21 508			
34 574	13 465	77.19	59.76	-16.91	62.11	0.2653	-0.0656	344.1	-1 512c	22 512			
35 575	14 470	76.85	60.39	-22.37	64.4	0.2658	-0.0676	339.6	-1 518c	23 518			
35 576	15 475	76.34	60.81	-27.17	66.6	0.2663	-0.0694	335.9	-1 525c	25 525	Mm		
35 578	16 480	75.5	61.31	-31.69	69.01	0.2669	-0.0712	332.6	-1 532c	26 532			
36 581	17 485	74.06	61.78	-36.54	71.78	0.2677	-0.0733	329.3	-1 540c	28 540			
37 588	18 490	71.23	61.92	-43.29	75.55	0.269	-0.0764	325.0	-1 548c	29 548			
40 603	18 495	63.24	59.32	-57.03	82.29	0.2711	-0.0841	316.1	-1 558c	31 558			
-1 500c	20 500	45.97	3.0	-89.46	89.52	0.2336	-0.109	271.9	13 468	34 574			
-1 509c	21 510	47.56	-3.52	-87.66	87.73	0.228	-0.1068	267.6	14 471	35 575			
-1 520c	24 520	54.25	-28.16	-77.76	82.71	0.2095	-0.0974	250.0	15 479	35 578	Bm		
-1 530c	26 530	59.7	-44.53	-68.89	82.03	0.1994	-0.0906	237.1	16 483	36 580			
-1 539c	27 540	62.53	-51.53	-64.17	82.31	0.1958	-0.0874	231.2	17 485	36 581			
-1 544c	28 545	65.36	-57.44	-59.4	82.63	0.1931	-0.0844	225.9	17 486	36 583			
-1 550c	30 550	70.93	-65.49	-49.94	82.36	0.1906	-0.0791	217.3	17 489	37 587			
-1 554c	30 555	70.93	-65.49	-49.94	82.36	0.1906	-0.0791	217.3	17 489	37 587			
-1 560c	32 560	76.21	-68.03	-40.9	79.38	0.1914	-0.0746	211.0	18 491	38 591			
380	770	95.41	0.0	0.0	0.0	0.231	-0.0593	0.0					

see similar files: <http://130.149.60.45/~farbmetrik/SN67/SN67.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 $Y_{w,10}=88.6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$Y_{88.6}$	$A_{88.6}$	$B_{88.6}$	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	30 553	42.02	-18.33	-18.0	25.7	0.6551	-0.8285	224.4	16 481	37 585	Cm		
6 435	32 563	49.53	-25.67	-7.78	26.82	0.5733	-0.5572	196.8	17 487	44 622			
10 450	32 564	50.32	-31.66	4.1	31.92	0.4625	-0.3183	172.6	19 497	-1 497c			
12 460	33 567	51.62	-33.91	10.1	35.39	0.4346	-0.2042	163.4	21 506	-1 506c			
13 465	33 568	52.59	-34.69	12.82	36.99	0.4318	-0.1561	159.7	22 513	-1 513c			
14 470	34 571	54.41	-35.14	15.48	38.4	0.4458	-0.1154	156.2	24 521	-1 521c			
15 475	35 576	57.15	-35.08	18.11	39.48	0.4778	-0.083	152.6	26 530	-1 530c	Gm		
15 480	36 583	62.0	-34.41	20.05	39.83	0.5365	-0.0765	149.7	27 536	-1 536c			
17 485	39 599	70.35	-28.5	25.47	38.22	0.6864	-0.0379	138.2	30 551	-1 551c			
18 490	-1 490c	83.75	-11.08	31.5	33.39	0.9592	-0.0238	109.3	33 566	11 456			
19 495	-1 495c	82.54	-9.79	31.54	33.02	0.973	-0.0179	107.2	33 566	11 459			
19 500	-1 499c	82.54	-9.79	31.54	33.02	0.973	-0.0179	107.2	33 566	11 459			
22 510	-1 510c	76.84	-3.94	30.19	30.44	1.0403	-0.0071	97.4	34 570	13 467			
24 520	-1 520c	70.99	1.44	28.12	28.16	1.112	-0.0038	87.0	34 572	14 471	Ym		
26 530	-1 530c	63.88	7.24	25.41	26.43	1.205	-0.0021	74.0	35 576	15 475			
27 540	-1 539c	60.01	10.06	23.91	25.94	1.2592	-0.0015	67.1	35 578	15 476			
29 545	-1 545c	51.9	15.15	20.71	25.66	1.3836	-0.0009	53.8	36 582	15 479			
29 550	-1 549c	51.9	15.15	20.71	25.66	1.3836	-0.0009	53.8	36 582	15 479			
30 555	1 409	47.78	17.86	18.38	25.63	1.4655	-0.0151	45.8	37 585	16 481			
32 560	3 417	39.57	21.98	13.98	26.05	1.6472	-0.0465	32.4	38 592	16 483			
30 553	1 405	57.97	18.33	18.0	25.7	1.4079	-0.0894	44.4	37 585	16 481	Rm		
32 563	6 435	50.46	25.67	7.78	26.82	1.6003	-0.2456	16.8	44 622	17 487			
32 564	10 450	49.67	31.66	-4.1	31.92	1.729	-0.4827	352.6	-1 497c	19 497			
33 567	12 460	48.37	33.91	-10.1	35.39	1.7927	-0.6089	343.4	-1 506c	21 506			
33 568	13 465	47.4	34.69	-12.82	36.99	1.8235	-0.6705	339.7	-1 513c	22 513			
34 571	14 470	45.58	35.14	-15.48	38.4	1.8625	-0.7397	336.2	-1 521c	24 521			
35 576	15 475	42.84	35.08	-18.11	39.48	1.9105	-0.8229	332.6	-1 530c	26 530	Mm		
36 583	15 480	37.99	34.41	-20.05	39.83	1.9975	-0.9277	329.7	-1 536c	27 536			
39 599	17 485	29.64	28.5	-25.47	38.22	2.0534	-1.2593	318.2	-1 551c	30 551			
-1 490c	18 490	16.24	11.08	-31.5	33.39	1.7742	-2.3393	289.3	11 456	33 566			
-1 495c	19 495	17.45	9.79	-31.54	33.02	1.6527	-2.2074	287.2	11 459	33 566			
-1 499c	19 500	17.45	9.79	-31.54	33.02	1.6527	-2.2074	287.2	11 459	33 566			
-1 510c	22 510	23.15	3.94	-30.19	30.44	1.2618	-1.7039	277.4	13 467	34 570			
-1 520c	24 520	29.0	-1.44	-28.12	28.16	1.0417	-1.3696	267.0	14 471	34 572	Bm		
-1 530c	26 530	36.11	-7.24	-25.41	26.43	0.891	-1.1038	254.0	15 475	35 576			
-1 539c	27 540	39.98	-10.06	-23.91	25.94	0.84	-0.9979	247.1	15 476	35 578			
-1 545c	29 545	48.09	-15.15	-20.71	25.66	0.7764	-0.8307	233.8	15 479	36 582			
-1 549c	29 550	48.09	-15.15	-20.71	25.66	0.7764	-0.8307	233.8	15 479	36 582			
1 409	30 555	52.21	-17.86	-18.38	25.63	0.7494	-0.7521	225.8	16 481	37 585			
3 417	32 560	60.42	-21.98	-13.98	26.05	0.7277	-0.6315	212.4	16 483	38 592			
380	770	88.59	0.0	0.0	0.01	1.0916	-0.4	0.0					

5-001430-L0

SN670-7N_5

TUB-test chart SN67; maximum C_{AB} , $Y_m=520_770$
YABCABh & LabCa'b'h data for illuminant E00, $Y_{w,10}=88,6$ output: no change compared

CIE data for all optimal colours of maximum (m) C_{AB} , E00 and $Y_{w,10}=88,6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$L^*_{88,6}$	$a^*_{88,6}$	$b^*_{88,6}$	C^*_{ab}	a'	b'	h_{ab}	i_d, λ_d	i_c, λ_c	Code		
1 405	30 553	70.89	-58.58	-41.14	71.59	0.1902	-0.1067	215.0	16 481	37 585	Cm		
6 435	32 563	75.78	-76.4	-18.48	78.6	0.182	-0.0935	193.6	17 487	44 622			
10 450	32 564	76.27	-98.98	11.65	99.66	0.1694	-0.0776	173.2	19 497	-1 497c			
12 460	33 567	77.06	-106.0	32.2	110.78	0.1659	-0.0669	163.1	21 506	-1 506c			
13 465	33 568	77.64	-107.28	43.45	115.75	0.1656	-0.0612	157.9	22 513	-1 513c			
14 470	34 571	78.7	-105.32	55.37	118.99	0.1673	-0.0553	152.2	24 521	-1 521c			
15 475	35 576	80.27	-99.87	67.68	120.65	0.1712	-0.0495	145.8	26 530	-1 530c	Gm		
15 480	36 583	82.92	-89.87	72.22	115.3	0.178	-0.0482	141.2	27 536	-1 536c			
17 485	39 599	87.17	-63.7	96.68	115.78	0.1932	-0.0382	123.3	30 551	-1 551c			
18 490	-1 490c	93.34	-19.88	114.83	116.54	0.216	-0.0327	99.8	33 566	11 456			
19 495	-1 495c	92.82	-17.64	120.93	122.21	0.2171	-0.0297	98.3	33 566	11 459			
19 500	-1 499c	92.82	-17.64	120.93	122.21	0.2171	-0.0297	98.3	33 566	11 459			
22 510	-1 510c	90.25	-7.28	135.26	135.46	0.222	-0.0218	93.0	34 570	13 467			
24 520	-1 520c	87.48	2.76	140.06	140.09	0.2269	-0.0178	88.8	34 572	14 471	Ym		
26 530	-1 530c	83.91	14.42	139.43	140.17	0.2331	-0.0145	84.0	35 576	15 475			
27 540	-1 539c	81.84	20.56	137.49	139.02	0.2366	-0.0131	81.4	35 578	15 476			
29 545	-1 545c	77.23	33.03	131.33	135.42	0.2441	-0.0109	75.8	36 582	15 479			
29 550	-1 549c	77.23	33.03	131.33	135.42	0.2441	-0.0109	75.8	36 582	15 479			
30 555	1 409	74.69	40.31	103.72	111.29	0.2488	-0.0281	68.7	37 585	16 481			
32 560	3 417	69.17	53.94	75.12	92.48	0.2587	-0.0408	54.3	38 592	16 483			
30 553	1 405	80.73	36.9	65.53	75.21	0.2455	-0.0508	60.6	37 585	16 481	Rm		
32 563	6 435	76.35	54.13	23.87	59.16	0.2562	-0.0711	23.8	44 622	17 487			
32 564	10 450	75.87	65.59	-10.24	66.39	0.2629	-0.0891	351.1	-1 497c	19 497			
33 567	12 460	75.06	70.57	-23.6	74.41	0.2661	-0.0963	341.5	-1 506c	21 506			
33 568	13 465	74.45	72.71	-29.3	78.4	0.2676	-0.0995	338.0	-1 513c	22 513			
34 571	14 470	73.28	75.0	-35.0	82.77	0.2695	-0.1028	334.9	-1 521c	24 521			
35 576	15 475	71.45	77.3	-40.98	87.49	0.2718	-0.1065	332.0	-1 530c	26 530	Mm		
36 583	15 480	68.02	80.79	-46.88	93.41	0.2759	-0.1108	329.8	-1 536c	27 536			
39 599	17 485	61.35	78.13	-62.08	99.8	0.2784	-0.1227	321.5	-1 551c	30 551			
-1 490c	18 490	47.3	47.93	-87.46	99.74	0.2652	-0.1509	298.7	11 456	33 566			
-1 495c	19 495	48.83	41.41	-85.72	95.2	0.259	-0.148	295.7	11 459	33 566			
-1 499c	19 500	48.83	41.41	-85.72	95.2	0.259	-0.148	295.7	11 459	33 566			
-1 510c	22 510	55.24	15.18	-76.26	77.75	0.2367	-0.1357	281.2	13 467	34 570			
-1 520c	24 520	60.79	-5.12	-67.14	67.33	0.2221	-0.1262	265.6	14 471	34 572	Bm		
-1 530c	26 530	66.61	-23.29	-57.34	61.89	0.2108	-0.1174	247.8	15 475	35 576			
-1 539c	27 540	69.46	-30.79	-52.49	60.85	0.2067	-0.1136	239.5	15 476	35 578			
-1 545c	29 545	74.88	-42.04	-43.22	60.29	0.2013	-0.1068	225.7	15 479	36 582			
-1 549c	29 550	74.88	-42.04	-43.22	60.29	0.2013	-0.1068	225.7	15 479	36 582			
1 409	30 555	77.41	-47.42	-37.72	60.6	0.199	-0.1033	218.5	16 481	37 585			
3 417	32 560	82.07	-53.42	-27.79	60.22	0.197	-0.0975	207.4	16 483	38 592			
380	770	95.41	0.0	0.0	0.0	0.2255	-0.0837	0.0					

see similar files: <http://130.149.60.45/~farbmetrik/SN67/SN67.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 $Y_{w,10}=88,6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$Y_{88,6}$	$A_{88,6}$	$B_{88,6}$	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	29 548	39.56	-14.39	-22.73	26.91	0.7095	-1.0476	237.6	15 478	36 581	Cm		
6 435	32 560	49.73	-23.52	-10.19	25.63	0.6005	-0.6778	203.4	16 484	42 610			
9 450	32 562	50.95	-29.26	0.99	29.28	0.499	-0.4533	178.0	18 492	-1 492c			
12 460	33 565	52.36	-33.84	12.06	35.93	0.4271	-0.2425	160.3	21 505	-1 505c			
13 465	33 567	53.54	-34.78	15.51	38.08	0.4237	-0.1831	155.9	22 512	-1 512c			
14 470	34 570	55.82	-35.41	18.99	40.18	0.4389	-0.1327	151.8	24 521	-1 521c			
14 475	35 576	59.82	-35.45	20.88	41.14	0.4808	-0.1238	149.5	25 527	-1 527c	Gm		
16 480	36 584	64.26	-33.75	26.35	42.82	0.5481	-0.0627	142.0	28 540	-1 540c			
17 485	42 611	75.87	-24.3	32.93	40.93	0.7531	-0.0387	126.4	31 555	3 416			
18 490	-1 490c	82.68	-12.75	36.96	39.1	0.9191	-0.0257	109.0	32 564	11 457			
18 495	-1 494c	82.68	-12.75	36.96	39.1	0.9191	-0.0257	109.0	32 564	11 457			
20 500	-1 500c	79.64	-9.55	36.57	37.79	0.9534	-0.0137	104.6	33 566	12 462			
22 510	-1 510c	75.34	-5.28	35.08	35.48	1.0033	-0.0071	98.5	33 568	13 466			
24 520	-1 520c	69.63	-0.12	32.65	32.65	1.0716	-0.0039	90.2	34 571	14 470	Ym		
26 530	-1 530c	62.62	5.45	29.47	29.97	1.1606	-0.0021	79.5	34 574	14 473			
28 540	-1 540c	54.54	10.91	25.72	27.94	1.2736	-0.0012	67.0	35 578	15 476			
29 545	-1 545c	50.25	13.39	23.71	27.23	1.34	-0.0009	60.5	36 580	15 478			
29 550	1 408	50.25	13.78	23.26	27.04	1.3478	-0.01	59.3	36 581	15 478			
31 555	3 415	41.51	18.39	18.47	26.07	1.5166	-0.0278	45.1	37 587	16 480			
31 560	4 424	41.55	20.19	15.85	25.67	1.5593	-0.0914	38.1	38 591	16 482			
29 548	1 405	60.43	14.39	22.73	26.91	1.3117	-0.0966	57.6	36 581	15 478	Rm		
32 560	6 435	50.26	23.52	10.19	25.63	1.5414	-0.2701	23.4	42 610	16 484			
32 562	9 450	49.04	29.26	-0.99	29.28	1.6702	-0.4931	358.0	-1 492c	18 492			
33 565	12 460	47.63	33.84	-12.06	35.93	1.7839	-0.726	340.3	-1 505c	21 505			
33 567	13 465	46.45	34.78	-15.51	38.08	1.8222	-0.8067	335.9	-1 512c	22 512			
34 570	14 470	44.17	35.41	-18.99	40.18	1.8752	-0.9027	331.8	-1 521c	24 521			
35 576	14 475	40.17	35.45	-20.88	41.14	1.956	-0.9926	329.5	-1 527c	25 527	Mm		
36 584	16 480	35.73	33.75	-26.35	42.82	2.0179	-1.2103	322.0	-1 540c	28 540			
42 611	17 485	24.12	24.29	-32.93	40.93	2.0805	-1.8379	306.4	3 416	31 555			
-1 490c	18 490	17.31	12.75	-36.96	39.1	1.8102	-2.6079	289.0	11 457	32 564			
-1 494c	18 495	17.31	12.75	-36.96	39.1	1.8102	-2.6079	289.0	11 457	32 564			
-1 500c	20 500	20.35	9.55	-36.57	37.79	1.5429	-2.2694	284.6	12 462	33 566			
-1 510c	22 510	24.65	5.28	-35.08	35.48	1.2878	-1.8961	278.5	13 466	33 568			
-1 520c	24 520	30.36	0.12	-32.65	32.65	1.0775	-1.5483	270.2	14 470	34 571	Bm		
-1 530c	26 530	37.37	-5.45	-29.47	29.97	0.9274	-1.2615	259.5	14 473	34 574			
-1 540c	28 540	45.45	-10.91	-25.72	27.94	0.8332	-1.0389	247.0	15 476	35 578			
-1 545c	29 545	49.74	-13.39	-23.71	27.23	0.8042	-0.9496	240.5	15 478	36 580			
1 408	29 550	49.74	-13.78	-23.26	27.04	0.7962	-0.9405	239.3	15 478	36 581			
3 415	31 555	58.48	-18.39	-18.47	26.07	0.7588	-0.7887	225.1	16 480	37 587			
4 424	31 560	58.44	-20.19	-15.85	25.67	0.7279	-0.7441	218.1	16 482	38 591			
380	770	88.59	0.0	0.0	0.01	1.0734	-0.4729	0.0					

5-001530-L0

SN670-7N_6

TUB-test chart SN67; maximum C_{AB} , $Y_m=520_770$
YABCABh & LabCa'b'h data for illuminant C00, $Y_{w,10}=88,6$

CIE data for all optimal colours of maximum (m) C_{AB} , C00 and $Y_{w,10}=88,6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$L^*_{88,6}$	$a^*_{88,6}$	$b^*_{88,6}$	C^*_{ab}	a'	b'	h_{ab}	i_d, λ_d	i_c, λ_c	Code		
1 405	29 548	69.16	-47.3	-44.57	64.99	0.1954	-0.1154	223.2	15 478	36 581	Cm		
6 435	32 560	75.91	-69.71	-20.19	72.58	0.1848	-0.0998	196.1	16 484	42 610			
9 450	32 562	76.65	-89.96	2.22	89.99	0.1737	-0.0873	178.5	18 492	-1 492c			
12 460	33 565	77.5	-106.57	32.15	111.32	0.165	-0.0708	163.2	21 505	-1 505c			
13 465	33 567	78.19	-108.15	44.0	116.76	0.1645	-0.0645	157.8	22 512	-1 512c			
14 470	34 570	79.51	-106.09	56.84	120.36	0.1665	-0.0579	151.8	24 521	-1 521c			
14 475	35 576	81.74	-98.93	60.68	116.05	0.1716	-0.0566	148.4	25 527	-1 527c	Gm		
16 480	36 584	84.1	-86.58	84.52	121.0	0.1793	-0.0451	135.6	28 540	-1 540c			
17 485	42 611	89.8	-50.79	103.13	114.96	0.1993	-0.0384	116.2	31 555	3 416			
18 490	-1 490c	92.88	-23.65	116.49	118.87	0.213	-0.0335	101.4	32 564	11 457			
18 495	-1 494c	92.88	-23.65	116.49	118.87	0.213	-0.0335	101.4	32 564	11 457			
20 500	-1 500c	91.52	-17.95	128.36	129.61	0.2156	-0.0272	97.9	33 566	12 462			
22 510	-1 510c	89.55	-10.13	136.78	137.16	0.2193	-0.0219	94.2	33 568	13 466			
24 520	-1 520c	86.82	-0.24	138.89	138.89	0.2242	-0.018	90.1	34 571	14 470	Ym		
26 530	-1 530c	83.24	11.27	138.16	138.62	0.2302	-0.0147	85.3	34 574	14 473			
28 540	-1 540c	78.78	23.95	133.23	135.37	0.2374	-0.0121	79.8	35 578	15 476			
29 545	-1 545c	76.22	30.49	129.57	133.11	0.2415	-0.0111	76.7	36 580	15 478			
29 550	1 408	76.23	31.33	114.78	118.98	0.242	-0.0245	74.7	36 581	15 478			
31 555	3 415	70.54	45.53	91.05	101.8	0.2517	-0.0344	63.4	37 587	16 480			
31 560	4 424	70.57	49.44	62.91	80.01	0.254	-0.0512	51.8	38 591	16 482			
29 548	1 405	82.08	29.2	69.47	75.36	0.2398	-0.0521	67.1	36 581	15 478	Rm		
32 560	6 435	76.23	50.95	27.07	57.69	0.253	-0.0734	27.9	42 610	16 484			
32 562	9 450	75.48	62.59	-2.22	62.63	0.2599	-0.0898	357.9	-1 492c	18 492			
33 565	12 460	74.6	72.03	-23.99	75.92	0.2657	-0.1021	341.5	-1 505c	21 505			
33 567	13 465	73.84	74.69	-30.18	80.56	0.2676	-0.1058	337.9	-1 512c	22 512			
34 570	14 470	72.35	77.8	-36.63	86.0	0.2701	-0.1098	334.7	-1 521c	24 521			
35 576	14 475	69.59	81.67	-41.37	91.55	0.274	-0.1134	333.1	-1 527c	25 527	Mm		
36 584	16 480	66.32	83.07	-52.2	98.11	0.2768	-0.1211	327.8	-1 540c	28 540			
42 611	17 485	56.22	76.8	-71.24	104.75	0.2797	-0.1392	317.1	3 416	31 555			
-1 490c	18 490	48.66	53.01	-85.45	100.56	0.267	-0.1564	301.8	11 457	32 564			
-1 494c	18 495	48.66	53.01	-85.45	100.56	0.267	-0.1564	301.8	11 457	32 564			
-1 500c	20 500	52.24	37.79	-80.78	89.18	0.2531	-0.1493	295.0	12 462	33 566			
-1 510c	22 510	56.74	19.6	-73.81	76.37	0.2383	-0.1407	284.8	13 466	33 568			
-1 520c	24 520	61.97	0.42	-65.17	65.17	0.2246	-0.1315	270.3	14 470	34 571	Bm		
-1 530c	26 530	67.56	-17.13	-55.73	58.3	0.2136	-0.1228	252.9	14 473	34 574			
-1 540c	28 540	73.19	-31.11	-46.12	55.64	0.2061	-0.1151	235.9	15 476	35 578			
-1 545c	29 545	75.92	-36.34	-41.45	55.13	0.2037	-0.1117	228.7	15 478	36 580			
1 408	29 550	75.91	-37.54	-40.81	55.45	0.203	-0.1113	227.3	15 478	36 581			
3 415	31 555	81.01	-45.64	-31.09	55.23	0.1998	-0.105	214.2	16 480	37 587			
4 424	31 560	80.98	-50.76	-27.27	57.62	0.197	-0.103	208.2	16 482	38 591			
380	770	95.41	0.0	0.0	0.0	0.2243	-0.0885	0.0					

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SN671-7N_6

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

see similar files: <http://130.149.60.45/~farbmetrik/SN67/SN67.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 $Y_{w,10}=88,6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$Y_{88,6}$	$A_{88,6}$	$B_{88,6}$	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	31 558	43.17	-21.3	-14.27	25.64	0.6134	-0.6548	213.8	16 483	37 588	Cm		
7 435	33 565	48.86	-27.71	-4.75	28.11	0.5398	-0.4215	189.7	18 490	-1 490c			
10 450	33 567	49.57	-31.23	2.49	31.33	0.4769	-0.2739	175.4	19 498	-1 498c			
11 460	33 568	50.86	-32.39	5.22	32.81	0.47	-0.2216	170.8	20 502	-1 502c			
13 465	34 570	51.4	-33.73	9.53	35.05	0.4507	-0.1388	164.2	22 513	-1 513c			
14 470	34 572	52.85	-34.03	11.62	35.96	0.463	-0.1042	161.1	24 521	-1 521c			
15 475	35 575	55.03	-34.0	13.64	36.64	0.4889	-0.0763	158.1	25 529	-1 529c	Gm		
16 480	36 581	58.37	-33.26	15.74	36.79	0.5372	-0.0545	154.6	27 538	-1 538c			
17 485	38 591	64.88	-30.19	18.62	35.48	0.6415	-0.0371	148.3	29 548	-1 548c			
18 490	-1 490c	84.48	-8.44	25.57	26.93	1.007	-0.0215	108.2	33 568	11 457			
18 495	-1 494c	84.48	-8.44	25.57	26.93	1.007	-0.0215	108.2	33 568	11 457			
20 500	-1 500c	82.05	-5.81	25.6	26.25	1.0361	-0.0121	102.7	33 569	12 463			
22 510	-1 510c	78.23	-1.88	24.85	24.92	1.0828	-0.0066	94.3	34 571	13 468			
24 520	-1 520c	72.8	3.19	23.34	23.55	1.1509	-0.0036	82.1	34 574	14 473	Ym		
26 530	-1 530c	66.07	8.78	21.29	23.03	1.2399	-0.002	67.5	35 577	15 476			
28 540	-1 540c	58.47	14.17	18.89	23.62	1.3494	-0.0011	53.1	36 581	15 479			
28 545	-1 544c	58.47	14.17	18.89	23.62	1.3494	-0.0011	53.1	36 581	15 479			
29 550	-1 549c	54.47	16.62	17.61	24.21	1.412	-0.0008	46.6	36 582	16 481			
31 555	-1 555c	46.28	20.62	14.97	25.48	1.5525	-0.0005	35.9	37 587	16 483			
32 560	2 410	42.18	22.56	13.04	26.06	1.642	-0.0149	30.0	38 591	16 484			
31 558	1 405	56.82	21.3	14.27	25.64	1.4819	-0.073	33.8	37 588	16 483	Rm		
33 565	7 435	51.13	27.71	4.75	28.11	1.6489	-0.2312	9.7	-1 490c	18 490			
33 567	10 450	50.42	31.23	-2.49	31.33	1.7264	-0.3737	355.4	-1 498c	19 498			
33 568	11 460	49.13	32.39	-5.22	32.81	1.7662	-0.4304	350.8	-1 502c	20 502			
34 570	13 465	48.59	33.73	-9.53	35.05	1.8011	-0.5204	344.2	-1 513c	22 513			
34 572	14 470	47.14	34.03	-11.62	35.96	1.8288	-0.5708	341.1	-1 521c	24 521			
35 575	15 475	44.96	34.0	-13.64	36.64	1.8632	-0.6276	338.1	-1 529c	25 529	Mm		
36 581	16 480	41.62	33.26	-15.74	36.79	1.9061	-0.7025	334.6	-1 538c	27 538			
38 591	17 485	35.11	30.19	-18.62	35.48	1.9668	-0.8546	328.3	-1 548c	29 548			
-1 490c	18 490	15.51	8.44	-25.57	26.93	1.6515	-1.9729	288.2	11 457	33 568			
-1 494c	18 495	15.51	8.44	-25.57	26.93	1.6515	-1.9729	288.2	11 457	33 568			
-1 500c	20 500	17.94	5.81	-25.6	26.25	1.4308	-1.7514	282.7	12 463	33 569			
-1 510c	22 510	21.76	1.88	-24.85	24.92	1.1938	-1.4663	274.3	13 468	34 571			
-1 520c	24 520	27.19	-3.19	-23.34	23.55	0.9893	-1.1826	262.1	14 473	34 574	Bm		
-1 530c	26 530	33.92	-8.78	-21.29	23.03	0.848	-0.9518	247.5	15 476	35 577			
-1 540c	28 540	41.52	-14.17	-18.89	23.62	0.7655	-0.7792	233.1	15 479	36 581			
-1 544c	28 545	41.52	-14.17	-18.89	23.62	0.7655	-0.7792	233.1	15 479	36 581			
-1 549c	29 550	45.52	-16.62	-17.61	24.21	0.7419	-0.7111	226.6	16 481	36 582			
-1 555c	31 555	53.71	-20.62	-14.97	25.48	0.7231	-0.603	215.9	16 483	37 587			
2 410	32 560	57.81	-22.56	-13.04	26.06	0.7166	-0.5498	210.0	16 484	38 591			
380	770	88.59	0.0	0.0	0.01	1.1069	-0.3242	0.0					

5-001630-L0

SN670-7N_7

TUB-test chart SN67; maximum C_{AB} , $Y_m=520_770$
YABCABh & LabCa'b'h data for illuminant P00, $Y_{w,10}=88,6$ output: no change compared

CIE data for all optimal colours of maximum (m) C_{AB} , P00 and $Y_{w,10}=88,6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$L^*_{88,6}$	$a^*_{88,6}$	$b^*_{88,6}$	C^*_{ab}	a'	b'	h_{ab}	i_d, λ_d	i_c, λ_c	Code		
1 405	31 558	71.68	-67.48	-39.9	78.39	0.1861	-0.0987	210.6	16 483	37 588	Cm		
7 435	33 565	75.37	-83.81	-14.4	85.04	0.1784	-0.0852	189.7	18 490	-1 490c			
10 450	33 567	75.81	-96.82	8.65	97.21	0.1711	-0.0738	174.8	19 498	-1 498c			
11 460	33 568	76.6	-99.11	19.01	100.92	0.1703	-0.0687	169.1	20 502	-1 502c			
13 465	34 570	76.93	-103.63	39.45	110.88	0.1679	-0.0588	159.1	22 513	-1 513c			
14 470	34 572	77.79	-101.9	50.91	113.91	0.1695	-0.0535	153.4	24 521	-1 521c			
15 475	35 575	79.06	-97.66	62.66	116.04	0.1726	-0.0482	147.3	25 529	-1 529c	Gm		
16 480	36 581	80.95	-89.47	74.84	116.65	0.1781	-0.0431	140.0	27 538	-1 538c			
17 485	38 591	84.42	-71.95	89.02	114.46	0.1889	-0.0379	128.9	29 548	-1 548c			
18 490	-1 490c	93.66	-14.68	112.46	113.42	0.2196	-0.0316	97.4	33 568	11 457			
18 495	-1 494c	93.66	-14.68	112.46	113.42	0.2196	-0.0316	97.4	33 568	11 457			
20 500	-1 500c	92.6	-10.2	124.47	124.89	0.2217	-0.0261	94.6	33 569	12 463			
22 510	-1 510c	90.89	-3.37	133.86	133.91	0.2249	-0.0213	91.4	34 571	13 468			
24 520	-1 520c	88.36	5.87	141.96	142.09	0.2296	-0.0175	87.6	34 574	14 473	Ym		
26 530	-1 530c	85.04	16.77	141.47	142.46	0.2353	-0.0143	83.2	35 577	15 476			
28 540	-1 540c	81.0	28.53	137.12	140.06	0.2421	-0.0117	78.2	36 581	15 479			
28 545	-1 544c	81.0	28.53	137.12	140.06	0.2421	-0.0117	78.2	36 581	15 479			
29 550	-1 549c	78.74	34.51	133.91	138.29	0.2458	-0.0108	75.5	36 582	16 481			
31 555	-1 555c	73.73	46.15	126.05	134.23	0.2537	-0.0095	69.8	37 587	16 483			
32 560	2 410	71.0	52.66	96.07	109.55	0.2584	-0.028	61.2	38 591	16 484			
31 558	1 405	80.08	42.29	64.85	77.42	0.2497	-0.0475	56.8	37 588	16 483	Rm		
33 565	7 435	76.76	56.79	17.04	59.29	0.2588	-0.0697	16.7	-1 490c	18 490			
33 567	10 450	76.33	63.54	-7.71	64.0	0.2628	-0.0818	353.0	-1 498c	19 498			
33 568	11 460	75.54	66.48	-15.63	68.29	0.2648	-0.0858	346.7	-1 502c	20 502			
34 570	13 465	75.2	69.24	-26.85	74.27	0.2665	-0.0914	338.8	-1 513c	22 513			
34 572	14 470	74.29	70.88	-32.29	77.89	0.2679	-0.0943	335.5	-1 521c	24 521			
35 575	15 475	72.87	72.59	-37.72	81.81	0.2696	-0.0973	332.5	-1 529c	25 529	Mm		
36 581	16 480	70.61	74.12	-43.89	86.14	0.2716	-0.101	329.3	-1 538c	27 538			
38 591	17 485	65.84	74.48	-53.8	91.89	0.2745	-0.1078	324.1	-1 548c	29 548			
-1 490c	18 490	46.34	38.31	-88.7	96.62	0.2589	-0.1425	293.3	11 457	33 568			
-1 494c	18 495	46.34	38.31	-88.7	96.62	0.2589	-0.1425	293.3	11 457	33 568			
-1 500c	20 500	49.43	25.17	-85.1	88.75	0.2468	-0.137	286.4	12 463	33 569			
-1 510c	22 510	53.78	7.66	-78.62	78.99	0.2324	-0.1291	275.5	13 468	34 571			
-1 520c	24 520	59.16	-11.9	-69.87	70.87	0.2183	-0.1202	260.3	14 473	34 574	Bm		
-1 530c	26 530	64.91	-29.63	-60.23	67.12	0.2073	-0.1118	243.8	15 476	35 577			
-1 540c	28 540	70.54	-43.14	-50.65	66.53	0.2004	-0.1046	229.5	15 479	36 581			
-1 544c	28 545	70.54	-43.14	-50.65	66.53	0.2004	-0.1046	229.5	15 479	36 581			
-1 549c	29 550	73.24	-48.02	-46.04	66.52	0.1983	-0.1014	223.7	16 481	36 582			
-1 555c	31 555	78.3	-53.77	-37.35	65.47	0.1966	-0.096	214.7	16 483	37 587			
2 410	32 560	80.64	-56.19	-32.07	64.7	0.196	-0.0931	209.7	16 484	38 591			
380	770	95.41	0.0	0.0	0.0	0.2266	-0.078	0.0					

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SN671-7N_7

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

TUB registration: 20130201-SN67/SN67L0NP.PDF /.PS
application for measurement of display output

TUB material: code=rha4ta

see similar files: <http://130.149.60.45/~farbmetrik/SN67/SN67.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 $Y_{w,10}=88,6$, $Y_m=520_770$													
i_1, λ_1	i_2, λ_2	$Y_{88,6}$	$A_{88,6}$	$B_{88,6}$	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code		
1 405	29 548	40.41	-14.85	-22.12	26.64	0.7088	-1.0231	236.1	15 478	36 582	Cm		
6 435	32 560	50.11	-24.66	-8.58	26.11	0.584	-0.647	199.1	17 485	45 625			
10 450	32 562	51.05	-31.87	5.82	32.4	0.4518	-0.3617	169.6	19 496	-1 496c			
12 460	33 565	52.61	-34.71	13.02	37.07	0.4165	-0.2281	159.4	21 506	-1 506c			
12 465	33 567	54.15	-34.94	13.76	37.56	0.4309	-0.2216	158.5	21 508	-1 508c			
14 470	34 570	55.97	-36.2	19.58	41.15	0.4295	-0.1259	151.5	24 522	-1 522c			
15 475	35 576	59.28	-36.09	22.91	42.75	0.4674	-0.0892	147.5	26 531	-1 531c	Gm		
16 480	37 585	64.42	-34.57	26.7	43.68	0.5396	-0.0612	142.3	28 540	-1 540c			
17 485	42 613	76.62	-24.63	33.52	41.6	0.7547	-0.0383	126.3	31 555	3 416			
18 490	-1 490c	83.02	-13.75	37.32	39.78	0.9105	-0.0262	110.2	32 564	11 455			
19 495	-1 495c	81.68	-12.33	37.26	39.25	0.9252	-0.0195	108.3	32 564	11 458			
20 500	-1 500c	80.01	-10.58	36.91	38.4	0.944	-0.0144	105.9	33 565	12 461			
22 510	-1 510c	75.45	-6.03	35.32	35.83	0.9962	-0.0076	99.6	33 568	13 466			
24 520	-1 520c	69.18	-0.35	32.63	32.63	1.071	-0.0041	90.6	34 571	14 470	Ym		
25 530	-1 529c	65.55	2.65	30.99	31.1	1.1167	-0.003	85.1	34 573	14 472			
28 540	-1 540c	53.52	11.18	25.4	27.75	1.2852	-0.0012	66.2	35 579	15 476			
28 545	-1 544c	53.52	11.18	25.4	27.75	1.2852	-0.0012	66.2	35 579	15 476			
29 550	1 408	49.35	14.3	22.59	26.73	1.366	-0.018	57.6	36 581	15 478			
31 555	3 415	41.01	19.0	17.7	25.97	1.5396	-0.0442	42.9	37 588	16 481			
31 560	4 424	41.07	21.12	14.63	25.69	1.5906	-0.1195	34.7	38 594	16 482			
29 548	1 405	59.58	14.85	22.12	26.64	1.3255	-0.1044	56.1	36 582	15 478	Rm		
32 560	6 435	49.88	24.66	8.58	26.11	1.5708	-0.3038	19.1	45 625	17 485			
32 562	10 450	48.94	31.87	-5.82	32.4	1.7274	-0.5948	349.6	-1 496c	19 496			
33 565	12 460	47.38	34.71	-13.02	37.07	1.8087	-0.7507	339.4	-1 506c	21 506			
33 567	12 465	45.84	34.94	-13.76	37.56	1.8386	-0.776	338.5	-1 508c	21 508			
34 570	14 470	44.02	36.2	-19.58	41.15	1.8986	-0.9206	331.5	-1 522c	24 522			
35 576	15 475	40.71	36.09	-22.91	42.75	1.9627	-1.0387	327.5	-1 531c	26 531	Mm		
37 585	16 480	35.57	34.57	-26.7	43.68	2.0479	-1.2265	322.3	-1 540c	28 540			
42 613	17 485	23.37	24.63	-33.52	41.6	2.1303	-1.9099	306.3	3 416	31 555			
-1 490c	18 490	16.97	13.75	-37.32	39.78	1.8864	-2.6742	290.2	11 455	32 564			
-1 495c	19 495	18.31	12.33	-37.26	39.25	1.7495	-2.5101	288.3	11 458	32 564			
-1 500c	20 500	19.98	10.58	-36.91	38.4	1.6057	-2.3227	285.9	12 461	33 565			
-1 510c	22 510	24.54	6.03	-35.32	35.83	1.3221	-1.9147	279.6	13 466	33 568			
-1 520c	24 520	30.81	0.35	-32.63	32.63	1.0879	-1.5348	270.6	14 470	34 571	Bm		
-1 529c	25 530	34.44	-2.65	-30.99	31.1	0.9993	-1.3756	265.1	14 472	34 573			
-1 540c	28 540	46.47	-11.18	-25.4	27.75	0.8356	-1.0224	246.2	15 476	35 579			
-1 544c	28 545	46.47	-11.18	-25.4	27.75	0.8356	-1.0224	246.2	15 476	35 579			
1 408	29 550	50.64	-14.3	-22.59	26.73	0.7939	-0.9218	237.6	15 478	36 581			
3 415	31 555	58.98	-19.0	-17.7	25.97	0.754	-0.7759	222.9	16 481	37 588			
4 424	31 560	58.92	-21.12	-14.63	25.69	0.7177	-0.724	214.7	16 482	38 594			
380	770	88.59	0.0	0.0	0.01	1.0762	-0.4758	0.0					

5-001730-L0

SN670-7N_8

TUB-test chart SN67; maximum C_{AB} , $Y_m=520_770$
YABCABh & LabCa'b'h data for illuminant Q00, $Y_{w,10}=88,6$

CIE data for all optimal colours of maximum (m) C _{AB} , Q00 and Y _{w,10} =88.6, Y _m =520_770													
i ₁ , λ ₁	i ₂ , λ ₂	L* _{88.6}	a* _{88.6}	b* _{88.6}	C* _{ab}	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code		
1 405	29 548	69.77	-48.03	-42.98	64.45	0.1953	-0.1145	221.8	15 478	36 582	Cm		
6 435	32 560	76.14	-73.2	-17.13	75.18	0.1831	-0.0983	193.1	17 485	45 625			
10 450	32 562	76.71	-100.35	13.95	101.32	0.1681	-0.0809	172.0	19 496	-1 496c			
12 460	33 565	77.65	-109.47	35.07	114.95	0.1636	-0.0694	162.2	21 506	-1 506c			
12 465	33 567	78.55	-107.14	36.63	113.23	0.1654	-0.0688	161.1	21 508	-1 508c			
14 470	34 570	79.6	-108.66	58.97	123.63	0.1653	-0.0569	151.5	24 522	-1 522c			
15 475	35 576	81.45	-101.93	71.82	124.69	0.17	-0.0507	144.8	26 531	-1 531c	Gm		
16 480	37 585	84.18	-88.75	85.5	123.24	0.1783	-0.0448	136.0	28 540	-1 540c			
17 485	42 613	90.15	-51.04	103.94	115.8	0.1994	-0.0383	116.1	31 555	3 416			
18 490	-1 490c	93.02	-25.46	116.4	119.16	0.2123	-0.0337	102.3	32 564	11 455			
19 495	-1 495c	92.43	-22.96	122.35	124.49	0.2134	-0.0306	100.6	32 564	11 458			
20 500	-1 500c	91.69	-19.84	127.67	129.21	0.2149	-0.0276	98.8	33 565	12 461			
22 510	-1 510c	89.6	-11.57	136.01	136.51	0.2188	-0.0223	94.8	33 568	13 466			
24 520	-1 520c	86.6	-0.71	138.13	138.14	0.2241	-0.0182	90.2	34 571	14 470	Ym		
25 530	-1 529c	84.77	5.37	138.38	138.49	0.2273	-0.0164	87.7	34 573	14 472			
28 540	-1 540c	78.19	24.73	132.28	134.57	0.2382	-0.0121	79.4	35 579	15 476			
28 545	-1 544c	78.19	24.73	132.28	134.57	0.2382	-0.0121	79.4	35 579	15 476			
29 550	1 408	75.67	32.67	104.85	109.83	0.2431	-0.0298	72.6	36 581	15 478			
31 555	3 415	70.19	47.08	81.24	93.9	0.2529	-0.0401	59.9	37 588	16 481			
31 560	4 424	70.23	51.68	54.82	75.34	0.2557	-0.056	46.6	38 594	16 482			
29 548	1 405	81.61	30.24	66.74	73.27	0.2406	-0.0535	65.6	36 582	15 478	Rm		
32 560	6 435	76.0	53.25	22.02	57.63	0.2546	-0.0764	22.4	45 625	17 485			
32 562	10 450	75.42	67.3	-12.17	68.39	0.2628	-0.0956	349.7	-1 496c	19 496			
33 565	12 460	74.44	73.63	-25.59	77.95	0.2669	-0.1033	340.8	-1 506c	21 506			
33 567	12 465	73.45	75.33	-27.3	80.13	0.2684	-0.1044	340.0	-1 508c	21 508			
34 570	14 470	72.25	79.21	-37.43	87.61	0.2713	-0.1105	334.7	-1 522c	24 522			
35 576	15 475	69.98	82.17	-44.05	93.23	0.2743	-0.1151	331.8	-1 531c	26 531	Mm		
37 585	16 480	66.2	84.72	-52.58	99.72	0.2782	-0.1216	328.1	-1 540c	28 540			
42 613	17 485	55.46	78.7	-72.58	107.06	0.2819	-0.141	317.3	3 416	31 555			
-1 490c	18 490	48.24	56.93	-86.14	103.25	0.2707	-0.1577	303.4	11 455	32 564			
-1 495c	19 495	49.89	49.91	-84.13	97.82	0.264	-0.1544	300.6	11 458	32 564			
-1 500c	20 500	51.83	41.69	-81.41	91.47	0.2565	-0.1505	297.1	12 461	33 565			
-1 510c	22 510	56.64	22.22	-73.94	77.21	0.2404	-0.1411	286.7	13 466	33 568			
-1 520c	24 520	62.35	1.21	-64.5	64.51	0.2253	-0.1311	271.0	14 470	34 571	Bm		
-1 529c	25 530	65.32	-8.55	-59.51	60.12	0.219	-0.1264	261.8	14 472	34 573			
-1 540c	28 540	73.85	-31.32	-44.98	54.82	0.2063	-0.1145	235.1	15 476	35 579			
-1 544c	28 545	73.85	-31.32	-44.98	54.82	0.2063	-0.1145	235.1	15 476	35 579			
1 408	29 550	76.47	-38.43	-39.31	54.98	0.2028	-0.1106	225.6	15 478	36 581			
3 415	31 555	81.28	-46.89	-29.69	55.5	0.1994	-0.1044	212.3	16 481	37 588			
4 424	31 560	81.25	-52.94	-25.18	58.62	0.1961	-0.102	205.4	16 482	38 594			
380	770	95.41	0.0	0.0	0.0	0.2245	-0.0887	0.0					