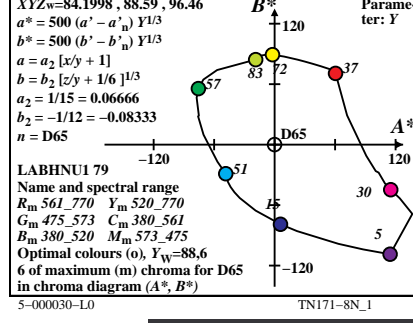
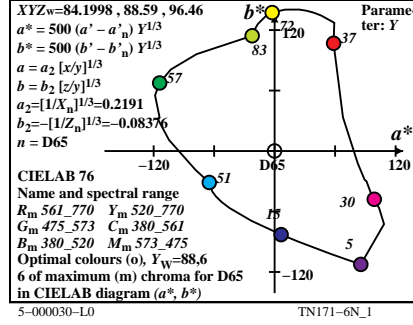
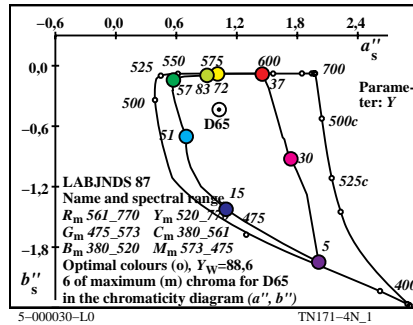
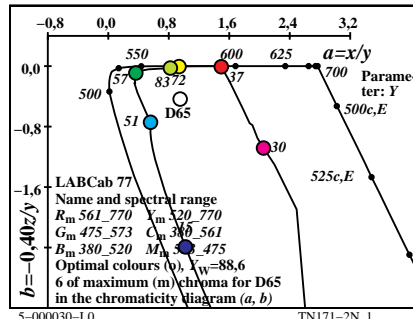
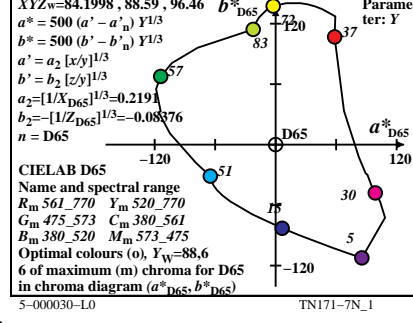
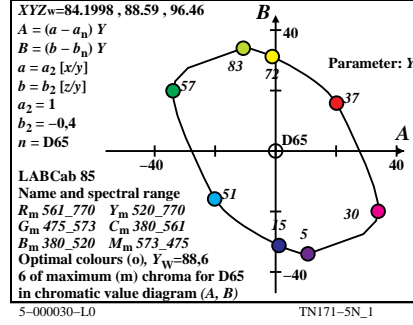
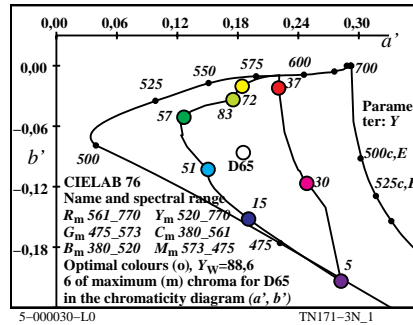
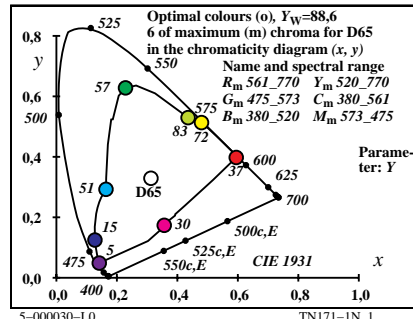


CIE data for all optimal colours of maximum (m) C_{AB}, D65 and Y_w=88,6, Y_m=520_770

i ₁ , λ ₁	i ₂ , λ ₂	X _{88.6}	Y _{88.6}	Z _{88.6}	x	y	z	h _{xy}	i _d , λ _d	i _c , λ _c	Code	
0	405	32 561	28.85	51.56	95.79	0.1637	0.2926	0.5436	193.7	16 483	37 589	Cm
6	435	32 562	25.77	52.08	78.6	0.1647	0.3328	0.5023	178.4	17 486	42 610	
10	450	32 563	20.31	52.64	46.4	0.1702	0.441	0.3887	141.8	19 496	-1 496c	
12	460	33 565	18.49	53.43	30.14	0.1812	0.5234	0.2952	124.0	21 505	-1 505c	
12	465	33 567	19.45	54.62	30.14	0.1866	0.5241	0.2892	122.8	21 506	-1 506c	
14	470	33 569	19.02	55.56	17.7	0.206	0.602	0.1918	111.3	24 520	-1 520c	
15	475	34 573	21.05	57.84	13.21	0.2285	0.6279	0.1434	105.6	25 528	-1 528c	Gm
16	480	36 580	25.69	61.97	9.79	0.2636	0.6358	0.1005	99.0	27 537	-1 537c	
17	485	39 595	37.3	69.76	7.29	0.3261	0.6099	0.0638	87.2	29 548	-1 548c	
18	490	-1 490c	68.29	83.1	5.43	0.4354	0.5298	0.0346	85.5	33 565	11 459	max
19	495	-1 495c	68.25	81.77	4.0	0.4431	0.5308	0.026	57.1	33 566	12 462	
20	500	-1 500c	68.23	80.1	2.89	0.4511	0.5296	0.0191	55.3	33 567	12 464	
22	510	-1 510c	68.12	75.54	1.45	0.4694	0.5205	0.01	50.7	33 569	13 469	
23	520	-1 519c	67.91	72.63	1.03	0.4797	0.513	0.0072	47.7	34 570	14 471	Ym
25	530	-1 529c	66.91	65.59	0.51	0.503	0.4931	0.0038	40.7	34 573	15 475	
27	540	-1 539c	64.9	57.49	0.23	0.5292	0.4688	0.0019	32.8	35 577	15 478	
28	545	-1 544c	63.48	53.27	0.16	0.5429	0.4556	0.0014	28.7	35 579	15 479	
29	550	-1 549c	61.75	48.96	0.11	0.5571	0.4417	0.001	24.7	36 582	16 480	
30	555	-1 554c	59.71	44.65	0.08	0.5716	0.4274	0.0008	20.8	36 584	16 481	
32	560	-1 560c	54.73	36.33	0.05	0.6007	0.3987	0.0005	13.6	37 589	16 483	
32	561	0 405	66.18	48.43	13.1	0.5182	0.3792	0.1025	13.7	37 589	16 483	Rm
32	562	6 435	69.27	47.91	30.28	0.4697	0.3249	0.2053	358.4	42 610	17 486	
32	563	10 450	74.73	47.35	62.49	0.4048	0.2565	0.3385	321.8	-1 496c	19 496	
33	565	12 460	76.54	46.56	78.74	0.3792	0.2306	0.3901	304.1	-1 505c	21 505	
33	567	12 465	75.59	45.37	78.74	0.3785	0.2271	0.3942	302.9	-1 506c	21 506	
33	569	14 470	76.02	44.43	91.18	0.3592	0.2099	0.4308	291.3	-1 520c	24 520	
34	573	15 475	73.98	42.15	95.67	0.3492	0.199	0.4516	285.7	-1 528c	25 528	Mm
36	580	16 480	69.34	38.02	99.09	0.3358	0.1841	0.4799	279.1	-1 537c	27 537	
39	595	17 485	57.73	30.23	101.59	0.3045	0.1594	0.5359	267.2	-1 548c	29 548	
-1	490c	18 490	26.74	16.89	103.45	0.1818	0.1148	0.7032	238.5	11 459	33 565	min
-1	495c	19 495	26.79	18.22	104.88	0.1787	0.1215	0.6996	237.1	12 462	33 566	
-1	500c	20 500	26.81	19.89	105.99	0.1755	0.1302	0.6941	235.4	12 464	33 567	
-1	510c	22 510	26.92	24.45	107.43	0.1695	0.1539	0.6765	230.7	13 469	33 569	
-1	519c	23 520	27.12	27.36	107.85	0.167	0.1685	0.6643	227.7	14 471	34 570	Bm
-1	529c	25 530	28.12	34.4	108.38	0.1645	0.2012	0.6341	220.7	15 475	34 573	
-1	539c	27 540	30.13	42.5	108.65	0.1662	0.2344	0.5993	212.8	15 478	35 577	
-1	544c	28 545	31.55	46.72	108.72	0.1687	0.2498	0.5813	208.8	15 479	35 579	
-1	549c	29 550	33.29	51.03	108.77	0.1723	0.2643	0.5632	204.7	16 480	36 582	
-1	554c	30 555	35.32	55.34	108.8	0.1771	0.2774	0.5454	200.8	16 481	36 584	
-1	560c	32 560	40.31	63.66	108.84	0.1894	0.2991	0.5114	193.6	16 483	37 589	
380	770	84.19	88.59	96.46	0.3127	0.329	0.3582	0.0				

5-000030-L0 TN170-7N_1

TUB-test chart TN17; maximum C_{AB}, Y_m=520_770
XYZ, x_{yz}, h data for illuminant D65, Y_w=100



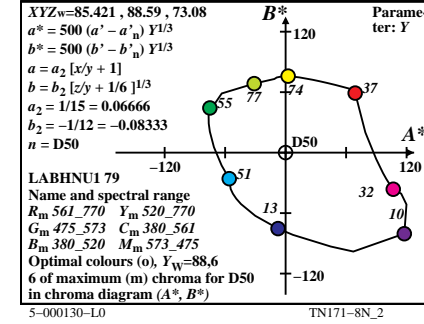
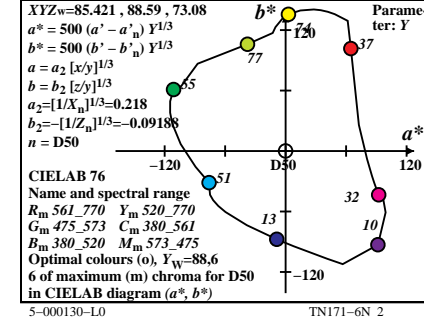
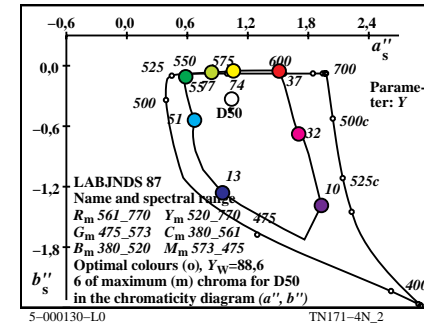
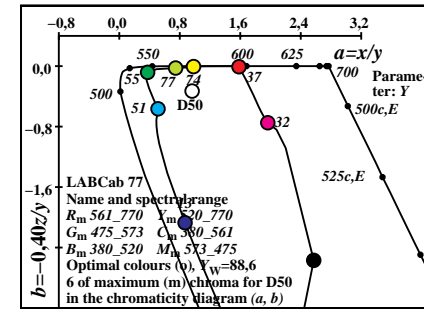
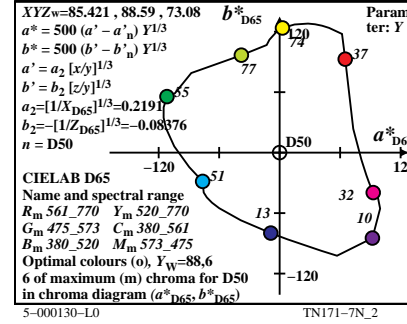
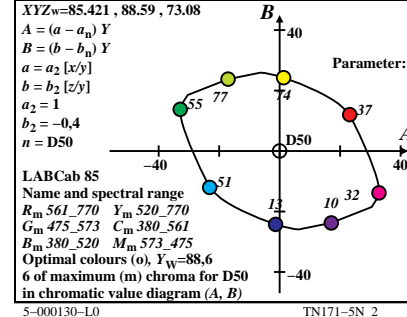
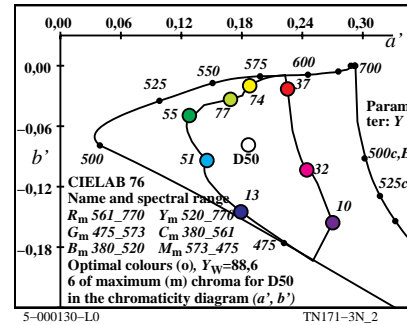
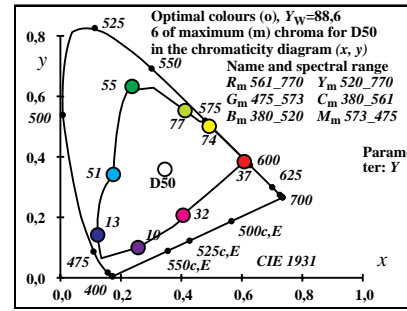
input: w/rgb/cmyk -> w/rgb/cmyk-
output: no change compared

see similar files: http://130.149.60.45/~farbmetrik/TN17/TN17.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-TN17/TN17L0NP.PDF / .PS
application for measurement of display output
TUB material: code=rh4ta

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	$X_{88,6}$	$Y_{88,6}$	$Z_{88,6}$	x	y	z	h_{xy}	i_d, λ_d	i_c, λ_c	Code
1	405 32 564	26.24	51.21	72.29	0.1752	0.3419	0.4827	185.5	17 486	38 592	Cm
7	435 33 565	23.33	51.54	56.25	0.1779	0.393	0.4289	168.3	18 490	46 634	
10	450 33 566	20.4	51.98	37.62	0.1854	0.4725	0.342	144.5	19 497	-1 497c	
12	460 33 567	19.02	52.53	25.04	0.1969	0.5437	0.2592	128.7	21 506	-1 506c	
13	465 33 568	18.88	53.11	19.63	0.206	0.5796	0.2143	122.2	22 511	-1 511c	
14	470 34 570	19.36	54.07	15.11	0.2187	0.6106	0.1706	116.7	23 519	-1 519c	
15	475 34 573	20.87	55.72	11.43	0.237	0.6329	0.1299	111.5	25 527	-1 527c	Gm
15	480 35 578	24.45	59.28	11.44	0.2569	0.6227	0.1202	108.5	26 531	-1 531c	
17	485 37 587	31.29	64.0	6.49	0.3074	0.6287	0.0637	98.0	28 544	-1 544c	
18	490 44 620	58.12	77.97	4.9	0.4122	0.5529	0.0348	71.0	32 561	-1 561c	max
19	495 -1 495c	73.62	82.96	3.66	0.4594	0.5177	0.0228	54.4	33 568	12 463	
20	500 -1 500c	73.61	81.49	2.68	0.4665	0.5164	0.0169	52.5	33 569	13 466	
22	510 -1 510c	73.51	77.37	1.37	0.4827	0.5081	0.009	47.4	34 571	14 471	
23	520 -1 519c	73.32	74.67	0.99	0.4921	0.5012	0.0066	44.2	34 572	14 473	Ym
25	530 -1 529c	72.37	68.03	0.49	0.5136	0.4828	0.0035	36.4	35 575	15 477	
27	540 -1 539c	70.43	60.24	0.23	0.538	0.4601	0.0018	27.8	35 579	16 480	
28	545 -1 544c	69.05	56.11	0.16	0.5509	0.4477	0.0013	23.4	36 581	16 481	
29	550 -1 549c	67.34	51.87	0.11	0.5643	0.4346	0.0009	19.1	36 583	16 483	
30	555 -1 554c	65.31	47.59	0.08	0.578	0.4211	0.0007	15.0	37 585	16 484	
32	560 -1 560c	60.3	39.22	0.05	0.6055	0.3938	0.0005	7.7	38 590	17 486	
32	564 1 405	70.17	48.78	10.19	0.5433	0.3776	0.0789	5.5	38 592	17 486	Rm
33	565 7 435	73.09	48.45	26.24	0.4945	0.3278	0.1775	348.3	46 634	18 490	
33	566 10 450	76.01	48.01	44.87	0.45	0.2842	0.2656	324.5	-1 497c	19 497	
33	567 12 460	77.39	47.46	57.44	0.4245	0.2603	0.3151	308.8	-1 506c	21 506	
33	568 13 465	77.53	46.88	62.85	0.414	0.2503	0.3356	302.3	-1 511c	22 511	
34	570 14 470	77.05	45.92	67.38	0.4047	0.2412	0.3539	296.7	-1 519c	23 519	
34	573 15 475	75.55	44.27	71.05	0.3957	0.2319	0.3722	291.6	-1 527c	25 527	Mm
35	578 15 480	71.96	40.71	71.05	0.3916	0.2216	0.3867	288.5	-1 531c	26 531	
37	587 17 485	65.12	35.99	76.0	0.3676	0.2032	0.429	278.0	-1 544c	28 544	
44	620 18 490	38.29	22.02	77.58	0.2777	0.1596	0.5626	251.1	-1 561c	32 561	min
-1	495c 19 495	22.79	17.03	78.83	0.192	0.1435	0.6643	234.4	12 463	33 568	
-1	500c 20 500	22.8	18.5	79.81	0.1882	0.1528	0.6589	232.5	13 466	33 569	
-1	510c 22 510	22.91	22.62	81.11	0.1808	0.1786	0.6404	227.5	14 471	34 571	
-1	519c 23 520	23.09	25.32	81.5	0.1777	0.1948	0.6273	224.2	14 473	34 572	Bm
-1	529c 25 530	24.04	31.96	81.99	0.1742	0.2315	0.5941	216.5	15 477	35 575	
-1	539c 27 540	25.98	39.75	82.25	0.1755	0.2686	0.5558	207.8	16 480	35 579	
-1	544c 28 545	27.37	43.88	82.33	0.1782	0.2857	0.536	203.5	16 481	36 581	
-1	549c 29 550	29.07	48.12	82.37	0.1821	0.3015	0.5162	199.2	16 483	36 583	
-1	554c 30 555	31.1	52.4	82.4	0.1874	0.3158	0.4966	195.0	16 484	37 585	
-1	560c 32 560	36.11	60.77	82.44	0.2013	0.3388	0.4597	187.7	17 486	38 590	
380	770	85.42	88.59	73.08	0.3457	0.3585	0.2957	0.0			



TUB-test chart TN17; maximum C_{AB} , $Y_m=520_770$
 XYZ, xy_z , h data for illuminant D50, $Y_w=100$

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

TUB registration: 20130201-TN17/TN17L0NP.PDF /.PS
 application for measurement of display output

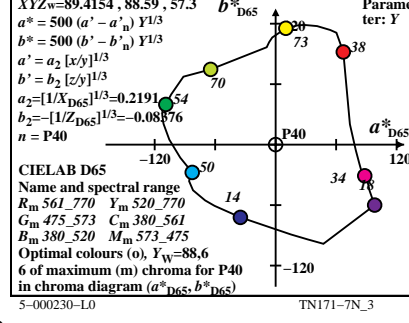
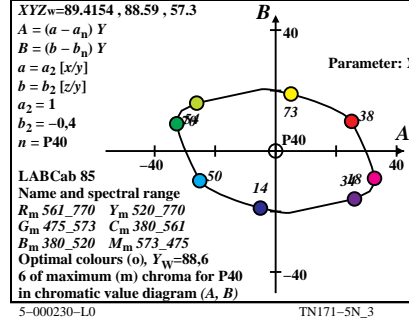
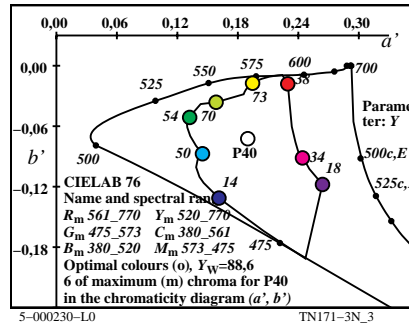
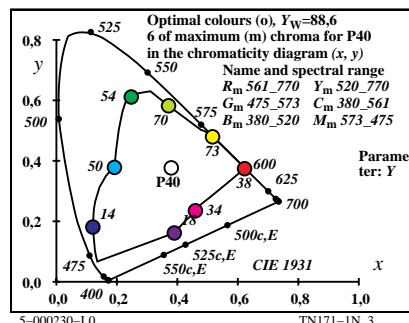
TUB material: code=rh4ta

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	X _{88,6}	Y _{88,6}	Z _{88,6}	x	y	z	h _{xy}	i _d , λ _d	i _c , λ _c	Code
0	405	33	568	25.48	50.12	56.92	0.1922	0.3782	0.4295	179.4	17 488 38 594 Cm
7	435	33	568	22.92	50.37	42.95	0.1971	0.4333	0.3695	162.7	18 493 54 674
10	450	33	569	20.81	50.74	29.3	0.2063	0.5031	0.2905	143.8	19 499 -1 499c
12	460	34	570	19.89	51.2	20.08	0.2181	0.5615	0.2202	131.1	21 507 -1 507c
13	465	34	571	19.88	51.65	15.98	0.2271	0.5902	0.1825	125.5	22 512 -1 512c
14	470	34	572	20.36	52.42	12.49	0.2387	0.6147	0.1464	120.6	23 519 -1 519c
14	475	34	574	21.95	54.15	12.49	0.2477	0.6111	0.141	119.3	24 522 -1 522c Gm
15	480	35	578	24.49	56.54	9.64	0.2701	0.6234	0.1063	113.9	26 531 -1 531c
17	485	37	585	29.72	60.26	5.64	0.3108	0.6301	0.059	105.2	28 543 -1 543c
17	490	40	600	44.57	70.01	5.65	0.3707	0.5822	0.047	92.5	30 554 -1 554c max
19	495	-1	495c	80.24	84.05	3.24	0.4789	0.5016	0.0193	51.6	34 571 12 464
20	500	-1	500c	80.23	82.78	2.4	0.485	0.5004	0.0145	49.6	34 571 13 467
21	510	-1	509c	80.21	81.16	1.75	0.4916	0.4975	0.0107	47.2	34 572 13 469
24	520	-1	520c	79.64	73.89	0.66	0.5164	0.4792	0.0042	36.9	35 575 15 476 Ym
26	530	-1	530c	78.35	67.28	0.33	0.5368	0.4609	0.0022	28.2	35 578 16 480
27	540	-1	539c	77.33	63.58	0.23	0.5478	0.4504	0.0016	23.7	36 580 16 481
29	545	-1	545c	74.41	55.69	0.12	0.5714	0.4276	0.0009	14.9	36 584 16 484
29	550	-1	549c	74.41	55.69	0.12	0.5714	0.4276	0.0009	14.9	36 584 16 484
31	555	-1	555c	70.15	47.4	0.07	0.5963	0.403	0.0006	6.9	37 588 17 486
32	560	-1	560c	67.45	43.22	0.05	0.6091	0.3903	0.0005	3.4	38 591 17 487
33	568	0	405	75.45	49.87	7.76	0.5669	0.3747	0.0583	359.4	38 594 17 488 Rm
33	568	7	435	78.01	49.62	21.73	0.5222	0.3322	0.1454	342.7	54 674 18 493
33	569	10	450	80.12	49.25	35.38	0.4862	0.2989	0.2147	323.9	-1 499c 19 499
34	570	12	460	81.04	48.79	44.6	0.4645	0.2797	0.2557	311.1	-1 507c 21 507
34	571	13	465	81.04	48.34	48.7	0.455	0.2714	0.2734	305.5	-1 512c 22 512
34	572	14	470	80.56	47.57	52.19	0.4467	0.2638	0.2894	300.6	-1 519c 23 519
34	574	14	475	78.97	45.84	52.19	0.4461	0.259	0.2948	299.4	-1 522c 24 522 Mm
35	578	15	480	76.43	43.45	55.04	0.4369	0.2484	0.3146	294.0	-1 531c 26 531
37	585	17	485	71.2	39.73	59.04	0.4188	0.2337	0.3473	285.2	-1 543c 28 543
40	600	17	490	56.35	29.98	59.03	0.3876	0.2062	0.406	272.6	-1 554c 30 554 min
-1	495c	20	500	20.68	15.94	61.44	0.2109	0.1625	0.6264	231.6	12 464 34 571
-1	500c	20	500	20.69	17.21	62.28	0.2065	0.1718	0.6215	229.7	13 467 34 571
-1	509c	21	510	20.72	18.83	62.93	0.2021	0.1837	0.614	227.3	13 469 34 572
-1	520c	24	520	21.28	26.1	64.02	0.191	0.2342	0.5746	216.9	15 476 35 575 Bm
-1	530c	26	530	22.57	32.71	64.35	0.1886	0.2734	0.5378	208.3	16 480 35 578
-1	539c	27	540	23.59	36.41	64.45	0.1895	0.2925	0.5178	203.7	16 481 36 580
-1	545c	29	545	26.51	44.3	64.56	0.1958	0.3272	0.4769	194.9	16 484 36 584
-1	549c	29	550	26.51	44.3	64.56	0.1958	0.3272	0.4769	194.9	16 484 36 584
-1	555c	31	555	30.78	52.59	64.61	0.2079	0.3553	0.4366	186.9	17 486 37 588
-1	560c	32	560	33.47	56.77	64.63	0.2161	0.3665	0.4172	183.4	17 487 38 591
380	770	89.41	88.59	57.3	0.3799	0.3764	0.2435	0.0			

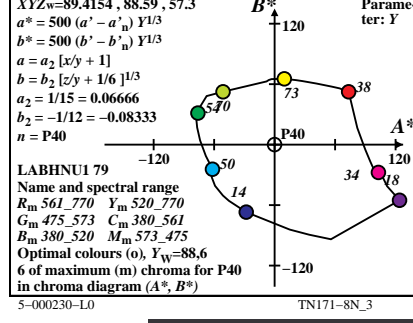
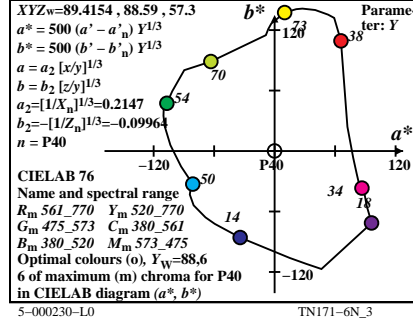
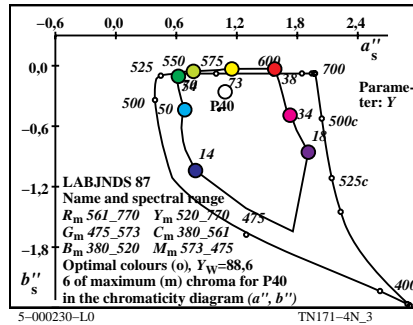
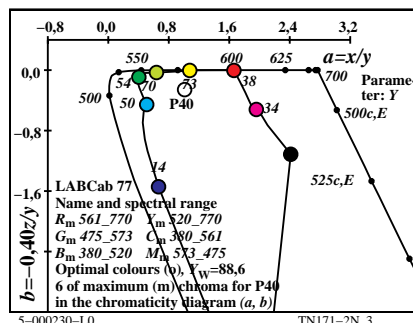
5-000230-L0 TN170-7N_3

TUB-test chart TN17; maximum C_{AB}, Y_m=520_770
XYZ, x_{yz}, h data for illuminant P40, Y_w=100



5-000230-L0 TN171-7N_3

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



5-000230-L0 TN171-8N_3

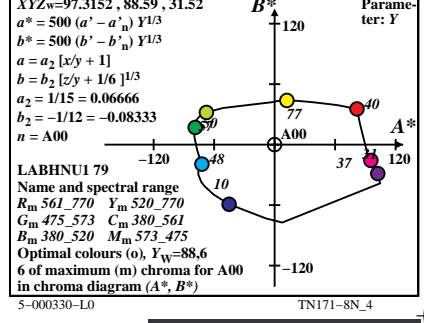
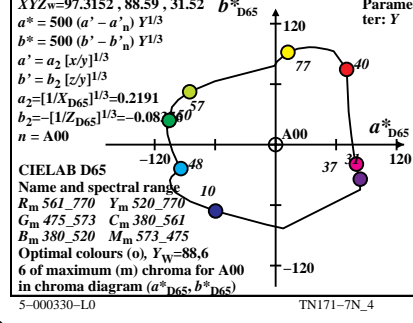
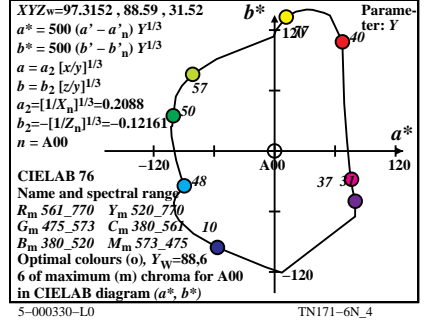
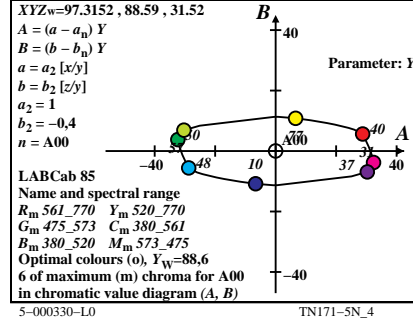
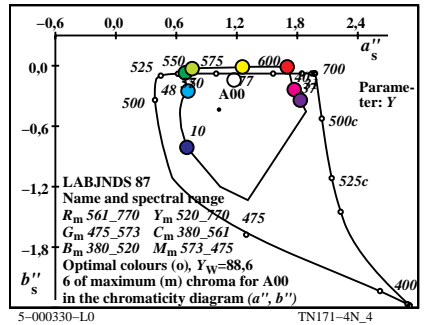
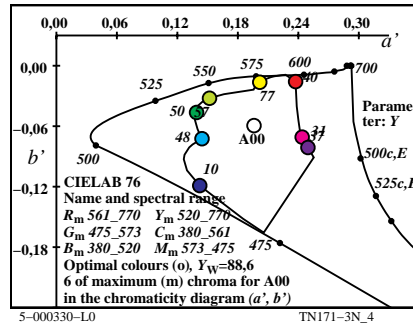
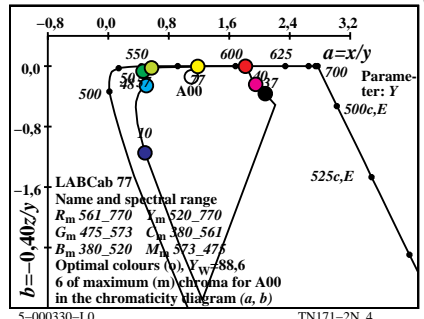
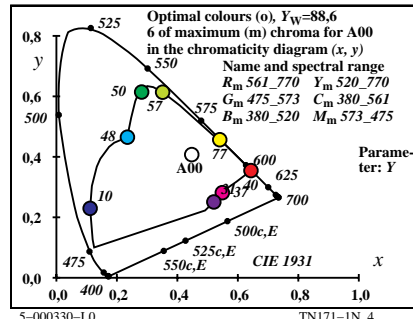
TUB registration: 20130201-TN17/TN17L0NP.PDF /.PS
application for measurement of display output

TUB material: code=rh4ta

see similar files: http://130.149.60.45/~farbmetrik/TN17/TN17.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	X _{88.6}	Y _{88.6}	Z _{88.6}	x	y	z	h _{xy}	i _d , λ _d	i _c , λ _c	Code	
1	405 34 574	24.45	48.43	31.25	0.2347	0.465	0.3001	164.8	18 494	39 599	Cm	
6	435 34 574	23.77	48.59	27.06	0.239	0.4887	0.2722	158.6	19 496	42 611		
9	450 34 574	22.82	48.83	20.66	0.2472	0.5289	0.2238	148.7	20 501	-1 501c		
12	460 35 575	21.88	49.01	13.06	0.2606	0.5837	0.1556	136.6	21 508	-1 508c		
13	465 35 575	21.91	49.25	10.67	0.2677	0.6018	0.1303	132.7	22 512	-1 512c		
13	470 35 576	22.53	49.84	10.67	0.2712	0.6001	0.1285	132.4	22 513	-1 513c		
14	475 35 577	23.21	50.59	8.56	0.2817	0.6142	0.104	128.7	23 519	-1 519c	Gm	
16	480 35 579	24.42	51.55	5.34	0.3003	0.6339	0.0656	123.0	26 532	-1 532c		
17	485 36 582	27.25	53.64	4.18	0.3202	0.6305	0.0491	119.6	28 540	-1 540c		
18	490 37 588	32.93	57.57	3.26	0.3512	0.6139	0.0348	114.9	29 548	-1 548c	max	
19	495 40 601	47.38	65.98	2.53	0.4088	0.5693	0.0218	103.4	31 559	-1 559c		
20	500	-1 500c	92.54	84.75	1.93	0.5163	0.4728	0.0107	43.5	35 576	13 469	
21	510	-1 509c	92.53	83.55	1.44	0.5212	0.4706	0.0081	40.5	35 576	14 472	
24	520	-1 520c	92.07	77.79	0.58	0.5401	0.4563	0.0034	27.8	35 579	16 480	Ym
26	530	-1 530c	90.98	72.2	0.31	0.5564	0.4416	0.0019	17.4	36 582	16 484	
28	540	-1 540c	88.92	65.49	0.16	0.5752	0.4236	0.001	7.2	37 585	17 487	
28	545	-1 544c	88.92	65.49	0.16	0.5752	0.4236	0.001	7.2	37 585	17 487	
29	550	-1 549c	87.43	61.79	0.12	0.5854	0.4137	0.0008	2.6	37 586	17 489	
31	555	-1 555c	83.35	53.89	0.07	0.6069	0.3924	0.0005	354.6	38 590	18 491	
32	560	-1 560c	80.69	49.77	0.06	0.6182	0.3813	0.0004	351.3	38 593	18 492	
34	574	1 405	85.39	51.56	4.32	0.6044	0.3649	0.0306	344.8	39 599	18 494	Rm
34	574	6 435	86.07	51.4	8.51	0.5895	0.352	0.0583	338.7	42 611	19 496	
34	574	9 450	87.02	51.16	14.92	0.5683	0.3341	0.0974	328.7	-1 501c	20 501	
35	575	12 460	87.95	50.98	22.51	0.5447	0.3157	0.1394	316.7	-1 508c	21 508	
35	575	13 465	87.93	50.74	24.91	0.5375	0.3101	0.1522	312.7	-1 512c	22 512	
35	576	13 470	87.31	50.15	24.91	0.5377	0.3088	0.1534	312.4	-1 513c	22 513	
35	577	14 475	86.63	49.4	27.01	0.5313	0.3029	0.1656	308.7	-1 519c	23 519	Mm
35	579	16 480	85.41	48.44	30.24	0.5205	0.2951	0.1842	303.0	-1 532c	26 532	
36	582	17 485	82.59	46.35	31.39	0.5151	0.289	0.1958	299.7	-1 540c	28 540	
37	588	18 490	76.91	42.42	32.31	0.5071	0.2797	0.213	295.0	-1 548c	29 548	min
40	601	19 495	62.46	34.01	33.05	0.4822	0.2626	0.2551	283.4	-1 559c	31 559	
-1	500c	20 500	17.3	15.24	33.65	0.2613	0.2302	0.5083	223.5	13 469	35 576	
-1	509c	21 510	17.31	16.44	34.14	0.255	0.2422	0.5027	220.6	14 472	35 576	
-1	520c	24 520	17.77	22.2	34.99	0.237	0.2961	0.4667	207.8	16 480	35 579	Bm
-1	530c	26 530	18.86	27.79	35.27	0.2302	0.3392	0.4305	197.4	16 484	36 582	
-1	540c	28 540	20.92	34.5	35.41	0.2303	0.3797	0.3898	187.2	17 487	37 585	
-1	544c	28 545	20.92	34.5	35.41	0.2303	0.3797	0.3898	187.2	17 487	37 585	
-1	549c	29 550	22.41	38.2	35.45	0.2333	0.3976	0.369	182.6	17 489	37 586	
-1	555c	31 555	26.48	46.1	35.5	0.245	0.4264	0.3284	174.6	18 491	38 590	
-1	560c	32 560	29.15	50.22	35.52	0.2537	0.4371	0.3091	171.2	18 492	38 593	
380	770	97.31	88.58	31.52	0.4475	0.4074	0.1449	0.0				



TUB-test chart TN17; maximum C_{AB}, Y_m=520_770
XYZ, x_{yz}, h data for illuminant A00, Y_w=100

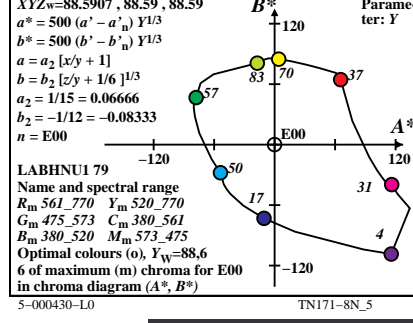
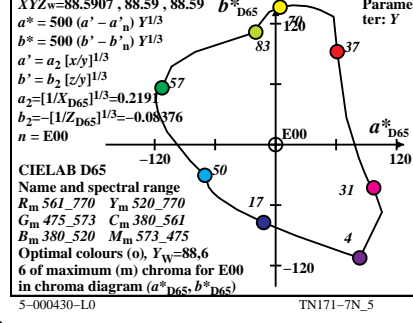
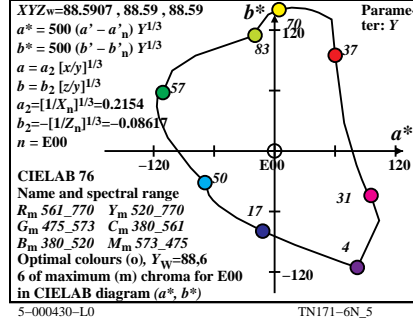
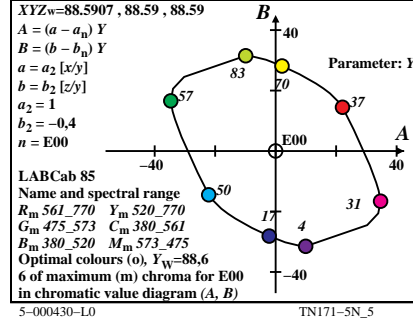
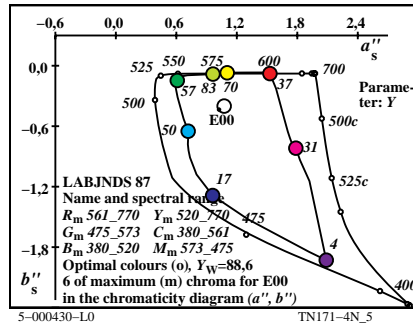
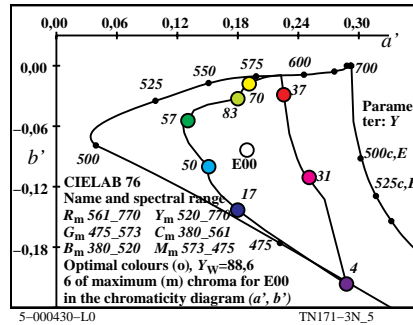
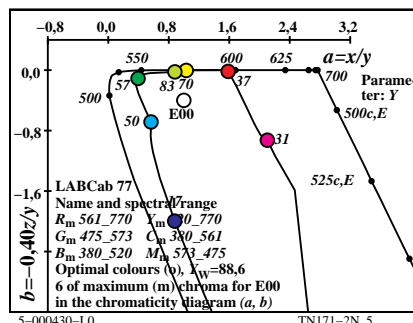
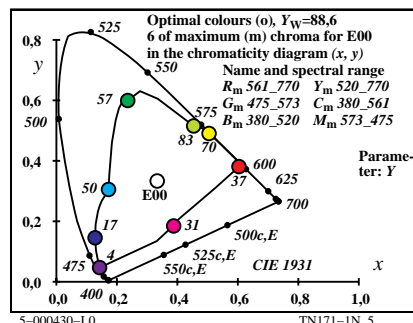
input: w/rgb/cmyk -> w/rgb/cmyk-
output: no change compared

TUB registration: 20130201-TN17/TN17L0NP.PDF /.PS
application for measurement of display output

TUB material: code=rh4ta

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	X _{88,6}	Y _{88,6}	Z _{88,6}	x	y	z	h _{xy}	i _d , λ _d	i _c , λ _c	Code
1	405 32 564	28.76	50.87	87.07	0.1725	0.3051	0.5222	189.9	16 484	38 592	Cm
6	435 33 565	25.48	51.3	69.01	0.1747	0.3518	0.4733	173.3	17 488	45 627	
10	450 33 566	20.65	51.78	40.05	0.1835	0.4603	0.3561	139.6	19 498	-1 498c	
12	460 33 568	19.25	52.51	26.36	0.1962	0.5351	0.2686	124.1	21 507	-1 507c	
13	465 33 569	19.21	53.28	20.52	0.2065	0.5727	0.2206	117.8	22 514	-1 514c	
14	470 34 571	20.0	54.5	15.7	0.2217	0.6041	0.174	112.3	24 522	-1 522c	
14	475 35 575	22.49	57.16	15.7	0.2358	0.5994	0.1646	110.0	25 525	-1 525c	Gm
16	480 36 581	26.5	60.43	8.9	0.2765	0.6305	0.0929	100.8	27 538	-1 538c	
17	485 39 595	37.68	67.95	6.68	0.3355	0.6049	0.0594	89.5	29 549	-1 549c	
18	490 -1 490c	73.83	83.75	4.99	0.4541	0.5151	0.0307	56.3	33 568	11 459	max
19	495 -1 495c	73.79	82.54	3.69	0.461	0.5157	0.0231	54.9	33 568	12 461	
19	500 -1 499c	73.79	82.54	3.69	0.461	0.5157	0.0231	54.9	33 568	12 461	
22	510 -1 510c	73.67	76.84	1.36	0.485	0.5059	0.0089	48.6	34 571	13 469	
24	520 -1 520c	73.12	70.99	0.69	0.5049	0.4902	0.0047	42.4	34 574	14 473	Ym
26	530 -1 530c	71.74	63.88	0.33	0.5276	0.4698	0.0024	35.0	35 577	15 477	
28	540 -1 540c	69.32	56.0	0.16	0.5524	0.4462	0.0012	27.2	36 581	15 479	
29	545 -1 545c	67.68	51.9	0.11	0.5654	0.4336	0.0009	23.3	36 583	16 480	
29	550 -1 549c	67.68	51.9	0.11	0.5654	0.4336	0.0009	23.3	36 583	16 480	
30	555 -1 554c	65.72	47.77	0.08	0.5786	0.4205	0.0007	19.5	37 585	16 482	
32	560 -1 560c	60.79	39.54	0.05	0.6055	0.3939	0.0005	12.5	38 590	16 483	
32	564 1 405	71.23	49.12	12.92	0.5344	0.3685	0.097	9.9	38 592	16 484	Rm
33	565 6 435	74.51	48.69	30.98	0.4832	0.3157	0.2009	353.3	45 627	17 488	
33	566 10 450	79.34	48.21	59.94	0.4231	0.2571	0.3196	319.7	-1 498c	19 498	
33	568 12 460	80.74	47.48	73.64	0.3999	0.2352	0.3648	304.2	-1 507c	21 507	
33	569 13 465	80.78	46.71	79.47	0.3903	0.2257	0.3839	297.9	-1 514c	22 514	
34	571 14 470	79.99	45.49	84.29	0.3813	0.2168	0.4018	292.4	-1 522c	24 522	
35	575 14 475	77.5	42.83	84.29	0.3787	0.2093	0.4119	290.1	-1 525c	25 525	Mm
36	581 16 480	73.49	39.56	91.09	0.36	0.1938	0.4461	280.8	-1 538c	27 538	
39	595 17 485	62.31	32.04	93.32	0.332	0.1707	0.4972	269.5	-1 549c	29 549	
-1	490c 18 490	26.16	16.24	95.0	0.1904	0.1182	0.6913	236.4	11 459	33 568	min
-1	495c 19 495	26.2	17.45	96.3	0.1872	0.1246	0.688	235.0	12 461	33 568	
-1	499c 19 500	26.2	17.45	96.3	0.1872	0.1246	0.688	235.0	12 461	33 568	
-1	510c 22 510	26.32	23.15	98.63	0.1777	0.1563	0.6659	228.6	13 469	34 571	
-1	520c 24 520	26.87	29.0	99.3	0.1731	0.1868	0.6399	222.4	14 473	34 574	Bm
-1	530c 26 530	28.25	36.11	99.66	0.1722	0.2201	0.6075	215.1	15 477	35 577	
-1	540c 28 540	30.67	43.99	99.83	0.1757	0.2521	0.5721	207.2	15 479	36 581	
-1	545c 29 545	32.31	48.09	99.88	0.1792	0.2667	0.554	203.3	16 480	36 583	
-1	549c 29 550	32.31	48.09	99.88	0.1792	0.2667	0.554	203.3	16 480	36 583	
-1	554c 30 555	34.27	52.22	99.91	0.1838	0.2801	0.5359	199.5	16 482	37 585	
-1	560c 32 560	39.2	60.45	99.94	0.1964	0.3028	0.5007	192.5	16 483	38 590	
380	770	88.59	88.59	88.59	0.3333	0.3333	0.3333	0.0			



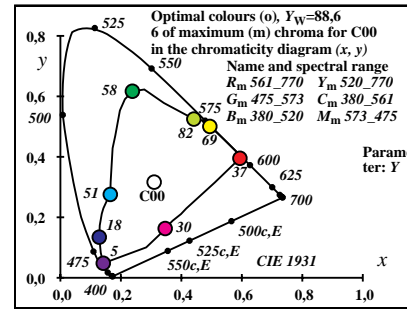
CIE data for all optimal colours of maximum (m) C_{AB} , C_{00} and $Y_w=88.6$, $Y_m=520_770$

i_1, λ_1	i_2, λ_2	$X_{88.6}$	$Y_{88.6}$	$Z_{88.6}$	x	y	z	h_{xy}	i_d, λ_d	i_c, λ_c	Code	
1	405	32 562	30.57	51.1	103.67	0.1649	0.2756	0.5593	195.5	16 482	37 589	Cm
6	435	32 563	27.1	51.69	84.28	0.1661	0.3169	0.5168	179.6	17 486	42 612	
10	450	32 564	21.08	52.35	48.7	0.1726	0.4286	0.3987	140.6	19 496	-1 496c	
11	460	33 566	20.72	53.63	39.94	0.1813	0.4691	0.3494	130.0	20 501	-1 501c	
13	465	33 568	19.28	54.22	24.52	0.1967	0.5531	0.2501	115.5	22 513	-1 513c	
14	470	34 570	20.14	55.77	18.52	0.2132	0.5906	0.1961	109.4	24 522	-1 522c	
15	475	35 575	22.55	58.4	13.74	0.2381	0.6167	0.1451	103.4	26 530	-1 530c	Gm
16	480	36 582	28.07	62.97	10.08	0.2775	0.6227	0.0996	96.0	28 540	-1 540c	
16	485	40 602	43.26	73.14	10.09	0.342	0.5781	0.0798	83.0	30 551	-1 551c	
18	490	-1 490c	69.45	82.68	5.32	0.441	0.525	0.0338	57.8	33 566	11 459	max
19	495	-1 495c	69.4	81.3	3.83	0.449	0.526	0.0248	56.4	33 567	12 462	
19	500	-1 499c	69.4	81.3	3.83	0.449	0.526	0.0248	56.4	33 567	12 462	
21	510	-1 509c	69.36	77.66	1.92	0.4656	0.5214	0.0128	52.8	33 568	13 466	
24	520	-1 520c	68.74	69.63	0.69	0.4943	0.5006	0.0049	45.0	34 572	14 472	Ym
26	530	-1 530c	67.38	62.62	0.34	0.5169	0.4804	0.0026	38.4	35 575	15 475	
28	540	-1 540c	64.9	54.54	0.16	0.5425	0.456	0.0013	31.0	35 579	15 478	
28	545	-1 544c	64.9	54.54	0.16	0.5425	0.456	0.0013	31.0	35 579	15 478	
29	550	-1 549c	63.17	50.25	0.11	0.5563	0.4425	0.001	27.1	36 581	15 479	
31	555	-1 555c	58.67	41.49	0.06	0.5853	0.4139	0.0006	19.5	37 586	16 481	
31	560	-1 559c	58.67	41.49	0.06	0.5853	0.4139	0.0006	19.5	37 586	16 481	
32	562	1 405	67.5	48.89	14.54	0.5154	0.3734	0.111	15.5	37 589	16 482	Rm
32	563	6 435	70.97	48.3	33.93	0.4632	0.3152	0.2215	359.6	42 612	17 486	
32	564	10 450	76.98	47.64	69.52	0.3965	0.2454	0.358	320.7	-1 496c	19 496	
33	566	11 460	77.34	46.36	78.27	0.3829	0.2295	0.3875	310.1	-1 501c	20 501	
33	568	13 465	78.78	45.77	93.7	0.3609	0.2097	0.4293	295.6	-1 513c	22 513	
34	570	14 470	77.92	44.22	99.7	0.3512	0.1993	0.4494	289.4	-1 522c	24 522	
35	575	15 475	75.51	41.59	104.48	0.3407	0.1876	0.4715	283.4	-1 530c	26 530	Mm
36	582	16 480	70.0	37.02	108.14	0.3253	0.172	0.5025	276.0	-1 540c	28 540	
40	602	16 485	54.8	26.85	108.13	0.2887	0.1415	0.5697	263.0	-1 551c	30 551	
-1	490c	18 490	28.61	17.31	112.89	0.1801	0.109	0.7107	237.9	11 459	33 566	min
-1	495c	19 495	28.66	18.69	114.38	0.1772	0.1155	0.7071	236.5	12 462	33 567	
-1	499c	19 500	28.66	18.69	114.38	0.1772	0.1155	0.7071	236.5	12 462	33 567	
-1	509c	21 510	28.7	22.33	116.3	0.1715	0.1334	0.6949	232.8	13 466	33 568	
-1	520c	24 520	29.32	30.36	117.53	0.1654	0.1713	0.6632	225.0	14 472	34 572	Bm
-1	530c	26 530	30.68	37.37	117.88	0.165	0.201	0.6339	218.4	15 475	35 575	
-1	540c	28 540	33.16	45.45	118.05	0.1686	0.231	0.6002	211.0	15 478	35 579	
-1	544c	28 545	33.16	45.45	118.05	0.1686	0.231	0.6002	211.0	15 478	35 579	
-1	549c	29 550	34.89	49.74	118.1	0.1721	0.2453	0.5825	207.1	15 479	36 581	
-1	555c	31 555	39.39	58.5	118.15	0.1823	0.2707	0.5468	199.5	16 481	37 586	
-1	559c	31 560	39.39	58.5	118.15	0.1823	0.2707	0.5468	199.5	16 481	37 586	
380	770	86.88	88.59	104.73	0.31	0.3161	0.3737	0.0				

5-000530-L0

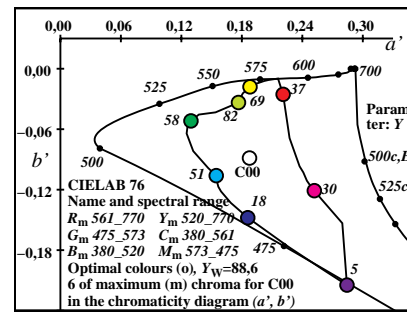
TN170-7N_6

TUB-test chart TN17; maximum C_{AB} , $Y_m=520_770$
 XYZ, xy_z , h data for illuminant C00, $Y_w=100$



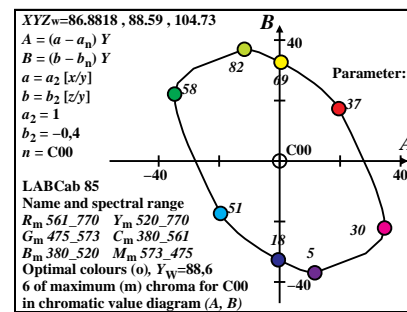
5-000530-L0

TN171-IN_6



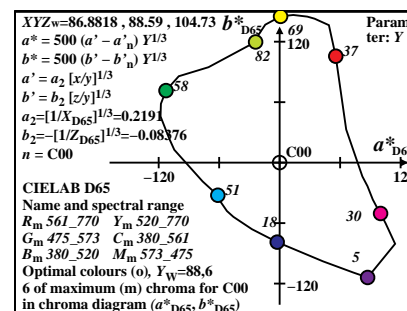
5-000530-L0

TN171-3N_6



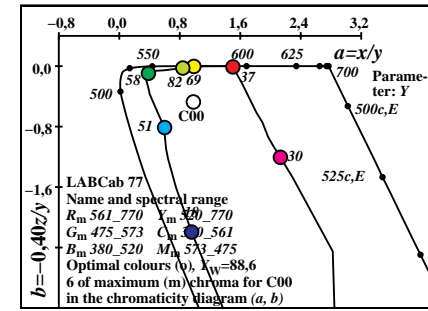
5-000530-L0

TN171-5N_6



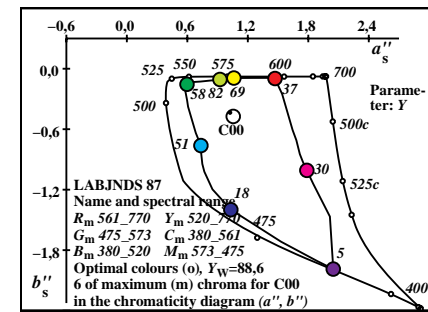
5-000530-L0

TN171-7N_6



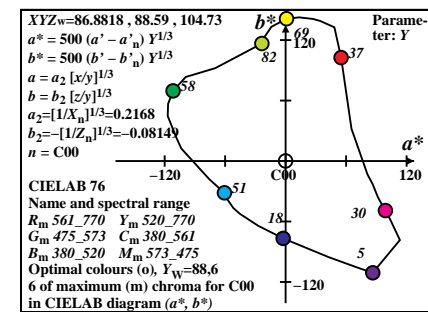
5-000530-L0

TN171-2N_6



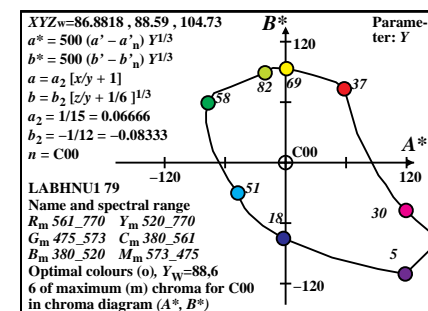
5-000530-L0

TN171-4N_6



5-000530-L0

TN171-6N_6



5-000530-L0

TN171-8N_6

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

see similar files: http://130.149.60.45/~farbmetrik/TN17/TN17.HTM
 technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-TN17/TN17L0NP.PDF /.PS
 application for measurement of display output
 TUB material: code=rha4ta

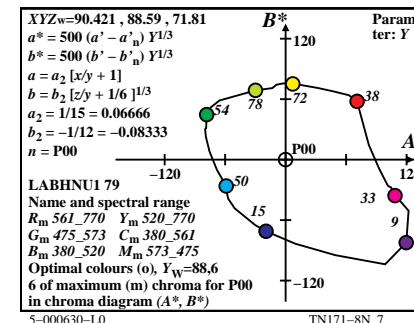
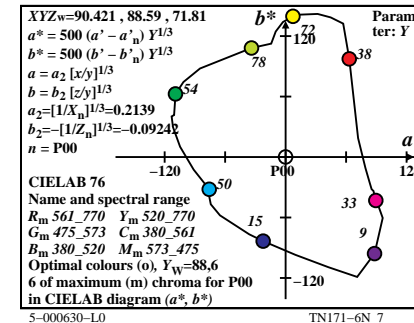
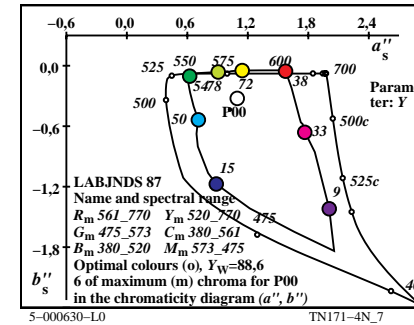
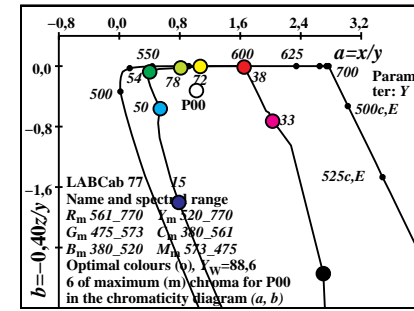
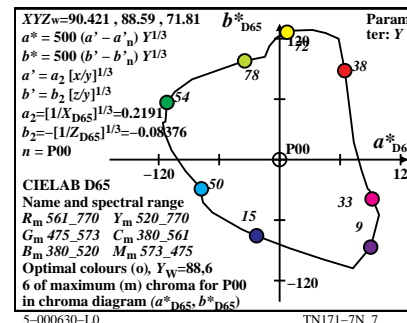
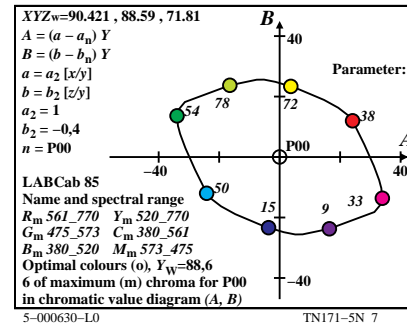
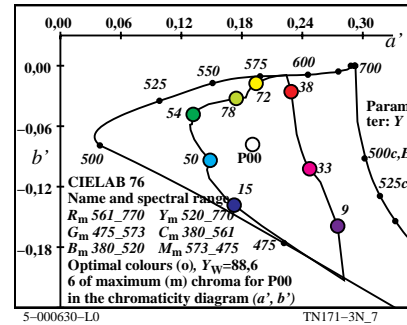
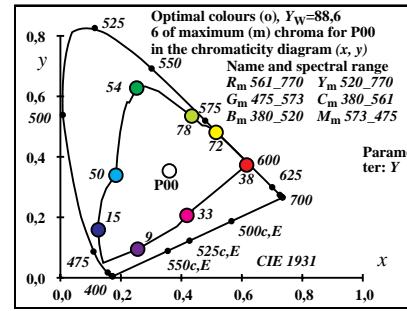
CIE data for all optimal colours of maximum (m) C_{AB}, P00 and Y_w=88,6, Y_m=520_770

i ₁ , λ ₁	i ₂ , λ ₂	X _{88,6}	Y _{88,6}	Z _{88,6}	x	y	z	h _{xy}	i _d , λ _d	i _c , λ _c	Code
1	405	33	567	27.24	50.33	70.7	0.1837	0.3394	0.4768	184.4	17 486 38 594 Cm
7	435	33	567	23.68	50.61	51.5	0.1882	0.4023	0.4093	164.0	18 491 -1 491c
10	450	33	568	20.95	51.06	33.95	0.1977	0.4818	0.3204	141.6	19 499 -1 499c
12	460	34	570	19.8	51.65	22.7	0.2103	0.5485	0.2411	127.5	21 507 -1 507c
13	465	34	571	19.82	52.22	17.84	0.2205	0.5809	0.1984	121.5	22 513 -1 513c
13	470	34	572	21.05	53.56	17.84	0.2277	0.5792	0.1929	120.4	23 515 -1 515c
15	475	35	575	22.09	54.9	10.5	0.2524	0.6274	0.12	111.4	25 529 -1 529c Gm
16	480	36	580	25.6	57.9	7.96	0.2799	0.6329	0.087	106.0	27 537 -1 537c
17	485	37	589	33.5	63.52	6.02	0.325	0.6164	0.0584	97.6	29 547 -1 547c
18	490	45	625	63.97	78.78	4.54	0.4342	0.5348	0.0308	67.8	32 564 -1 564c max
18	495	-1	494c	78.64	84.48	4.54	0.469	0.5038	0.0271	54.2	34 570 12 460
20	500	-1	500c	78.59	82.05	2.49	0.4817	0.5029	0.0153	50.9	34 571 13 465
22	510	-1	510c	78.49	78.23	1.29	0.4967	0.495	0.0081	46.1	34 573 14 470
24	520	-1	520c	77.98	72.8	0.66	0.5148	0.4807	0.0043	39.5	35 575 14 474 Ym
25	530	-1	529c	77.44	69.57	0.47	0.525	0.4717	0.0032	35.7	35 577 15 476
28	540	-1	540c	74.34	58.47	0.16	0.559	0.4397	0.0012	23.5	36 582 16 481
28	545	-1	544c	74.34	58.47	0.16	0.559	0.4397	0.0012	23.5	36 582 16 481
30	550	-1	550c	70.8	50.39	0.08	0.5837	0.4155	0.0007	15.5	37 586 16 483
30	555	-1	554c	70.8	50.39	0.08	0.5837	0.4155	0.0007	15.5	37 586 16 483
32	560	-1	560c	65.87	42.17	0.05	0.6093	0.3901	0.0005	8.4	38 591 17 485
33	567	1	405	74.81	49.66	10.35	0.5548	0.3683	0.0767	4.4	38 594 17 486 Rm
33	567	7	435	78.37	49.38	29.55	0.4982	0.3139	0.1878	344.0	-1 491c 18 491
33	568	10	450	81.11	48.93	47.1	0.4578	0.2762	0.2659	321.7	-1 499c 19 499
34	570	12	460	82.26	48.34	58.35	0.4353	0.2558	0.3088	307.5	-1 507c 21 507
34	571	13	465	82.23	47.77	63.21	0.4256	0.2472	0.3271	301.6	-1 513c 22 513
34	572	13	470	81.0	46.43	63.21	0.4248	0.2435	0.3315	300.4	-1 515c 23 515
35	575	15	475	79.97	45.09	70.55	0.4088	0.2305	0.3606	291.5	-1 529c 25 529 Mm
36	580	16	480	76.45	42.09	73.09	0.3989	0.2196	0.3814	286.0	-1 537c 27 537
37	589	17	485	68.56	36.47	75.03	0.3807	0.2025	0.4167	277.6	-1 547c 29 547
45	625	18	490	38.09	21.21	76.51	0.2804	0.1561	0.5633	247.9	-1 564c 32 564 min
-1	494c	18	495	23.42	15.51	76.51	0.2028	0.1343	0.6627	234.2	12 460 34 570
-1	500c	20	500	23.47	17.94	78.56	0.1956	0.1495	0.6548	231.0	13 465 34 571
-1	510c	22	510	23.56	21.76	79.76	0.1883	0.1739	0.6376	226.1	14 470 34 573
-1	520c	24	520	24.07	27.19	80.39	0.1828	0.2065	0.6105	219.5	14 474 35 575 Bm
-1	529c	25	530	24.61	30.42	80.58	0.1815	0.2243	0.5941	215.7	15 476 35 577
-1	540c	28	540	27.72	41.52	80.89	0.1846	0.2765	0.5388	203.5	16 481 36 582
-1	544c	28	545	27.72	41.52	80.89	0.1846	0.2765	0.5388	203.5	16 481 36 582
-1	550c	30	550	31.26	49.6	80.97	0.1931	0.3065	0.5003	195.6	16 483 37 586
-1	554c	30	555	31.26	49.6	80.97	0.1931	0.3065	0.5003	195.6	16 483 37 586
-1	560c	32	560	36.19	57.82	81.0	0.2067	0.3303	0.4628	188.4	17 485 38 591
380	770	90.42	88.59	71.81	0.3604	0.3531	0.2863	0.0			

5-000630-L0

TN170-7N_7

TUB-test chart TN17; maximum C_{AB}, Y_m=520_770
XYZ, x_{yz}, h data for illuminant P00, Y_w=100



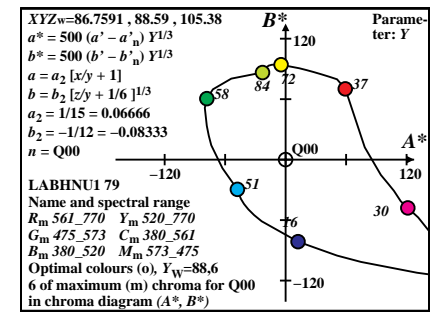
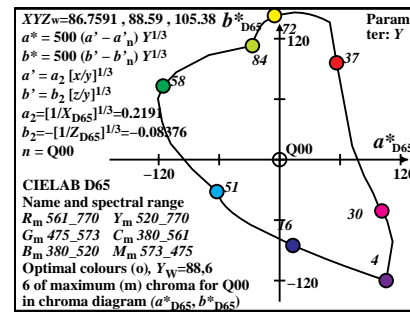
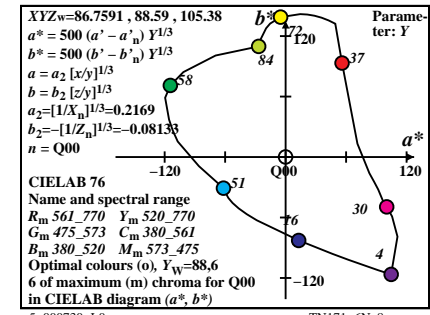
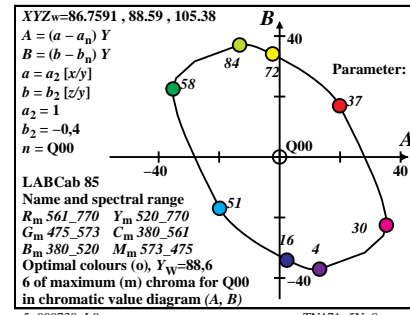
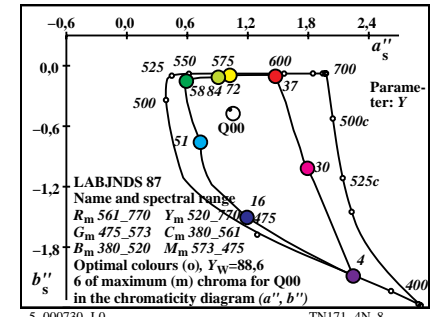
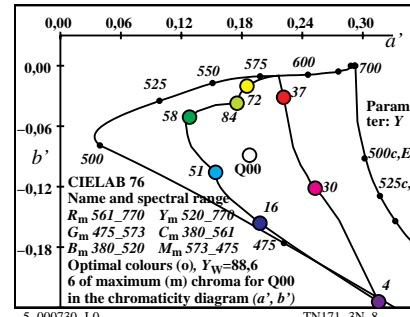
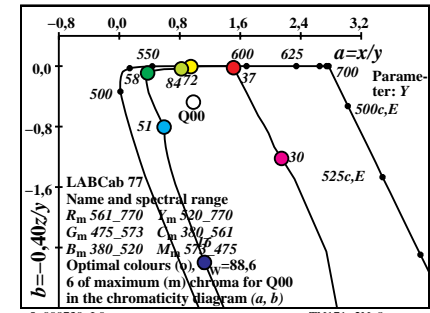
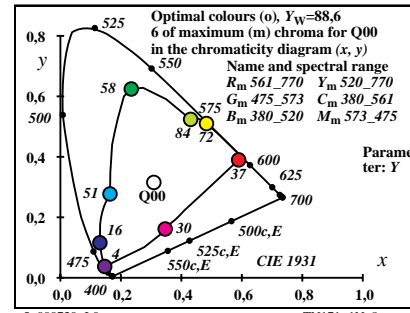
input: w/rgb/cmyk -> w/rgb/cmyk-
output: no change compared

TUB registration: 20130201-TN17/TN17L0NP.PDF /.PS
application for measurement of display output

TUB material: code=rh4ta

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	X _{88.6}	Y _{88.6}	Z _{88.6}	x	y	z	h _{xy}	i _d , λ _d	i _c , λ _c	Code
1	405 32 562	30.39	51.28	103.44	0.1641	0.277	0.5587	194.9	16 482	38 590	Cm
7	435 32 562	24.57	51.72	72.55	0.165	0.3474	0.4874	167.4	17 488	-1 488c	
10	450 32 564	20.35	52.44	46.16	0.171	0.4408	0.388	137.7	19 497	-1 497c	
11	460 33 566	20.01	53.67	37.79	0.1795	0.4814	0.339	127.9	20 502	-1 502c	
12	465 33 568	19.74	54.66	30.01	0.189	0.5234	0.2874	119.9	21 508	-1 508c	
14	470 34 570	19.52	55.78	17.62	0.21	0.6002	0.1896	109.1	24 522	-1 522c	
15	475 35 575	21.9	58.38	13.22	0.2342	0.6243	0.1413	103.6	26 530	-1 530c	Gm
16	480 36 582	27.43	62.99	9.85	0.2735	0.6281	0.0982	96.4	27 539	-1 539c	
17	485 40 602	42.96	72.6	7.33	0.3496	0.5907	0.0596	81.5	30 552	-1 552c	
17	490 -1 489c	69.13	84.1	7.34	0.4305	0.5237	0.0457	59.7	33 565	11 455	max
18	495 -1 494c	69.02	83.02	5.43	0.4382	0.5271	0.0345	58.5	33 565	11 458	
20	500 -1 500c	68.96	80.01	2.88	0.4541	0.5268	0.019	55.5	33 567	12 463	
21	510 -1 509c	68.93	77.94	2.04	0.4628	0.5233	0.0137	53.4	33 568	13 465	
23	520 -1 519c	68.64	72.51	1.01	0.4828	0.51	0.0071	48.1	34 571	14 470	Ym
26	530 -1 530c	66.8	61.69	0.34	0.5185	0.4788	0.0026	37.9	35 576	15 475	
27	540 -1 539c	65.69	57.66	0.23	0.5315	0.4665	0.0018	34.1	35 578	15 477	
28	545 -1 544c	64.3	53.52	0.16	0.545	0.4536	0.0013	30.3	36 580	15 478	
29	550 -1 549c	62.62	49.33	0.11	0.5587	0.4402	0.001	26.5	36 582	15 479	
30	555 -1 554c	60.64	45.14	0.08	0.5727	0.4264	0.0007	22.7	36 584	16 480	
31	560 -1 559c	58.33	40.99	0.06	0.5869	0.4124	0.0006	19.2	37 587	16 481	
32	562 1 405	67.54	48.71	15.51	0.5125	0.3697	0.1177	14.8	38 590	16 482	Rm
32	562 7 435	73.36	48.27	46.39	0.4365	0.2872	0.2761	347.5	-1 488c	17 488	
32	564 10 450	77.57	47.55	72.78	0.3919	0.2402	0.3677	317.7	-1 497c	19 497	
33	566 11 460	77.92	46.32	81.15	0.3793	0.2255	0.3951	308.0	-1 502c	20 502	
33	568 12 465	78.18	45.33	88.93	0.368	0.2133	0.4186	300.0	-1 508c	21 508	
34	570 14 470	78.4	44.21	101.32	0.3501	0.1974	0.4524	289.2	-1 522c	24 522	
35	575 15 475	76.02	41.61	105.73	0.3403	0.1862	0.4733	283.6	-1 530c	26 530	Mm
36	582 16 480	70.49	37.0	109.09	0.3254	0.1708	0.5036	276.5	-1 539c	27 539	
40	602 17 485	54.96	27.39	111.61	0.2833	0.1412	0.5754	261.6	-1 552c	30 552	
-1	489c 17 490	28.79	15.89	111.61	0.1842	0.1016	0.714	239.7	11 455	33 565	min
-1	500c 20 500	28.97	16.97	113.51	0.1813	0.1065	0.7121	238.6	11 458	33 565	
-1	509c 21 510	28.99	19.98	116.06	0.1755	0.1211	0.7033	235.2	12 463	33 567	
-1	519c 23 520	29.28	22.05	116.9	0.1726	0.1312	0.696	233.5	13 465	33 568	
-1	530c 26 530	31.12	38.3	118.61	0.1655	0.2037	0.6307	217.9	15 475	35 576	Bm
-1	539c 27 540	32.23	42.33	118.72	0.1667	0.219	0.6141	214.1	15 477	35 578	
-1	544c 28 545	33.62	46.47	118.79	0.169	0.2336	0.5972	210.3	15 478	36 580	
-1	549c 29 550	35.3	50.66	118.83	0.1723	0.2473	0.5802	206.5	15 479	36 582	
-1	554c 30 555	37.29	54.85	118.87	0.1767	0.2599	0.5633	202.8	16 480	36 584	
-1	559c 31 560	39.59	59.0	118.89	0.182	0.2713	0.5466	199.2	16 481	37 587	
380	770	86.75	88.59	105.38	0.309	0.3155	0.3753	0.0			



TUB-test chart TN17; maximum C_{AB}, Y_m=520_770
XYZ, x_{yz}, h data for illuminant Q00, Y_w=100

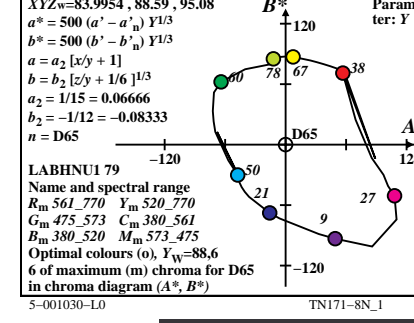
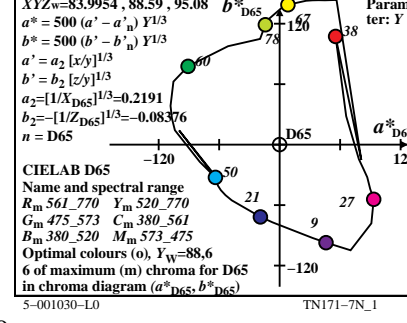
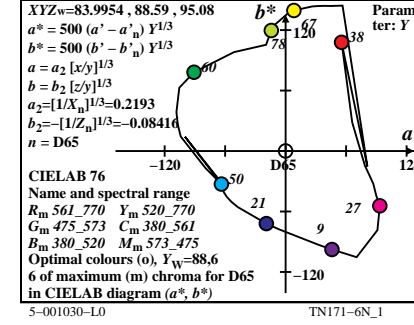
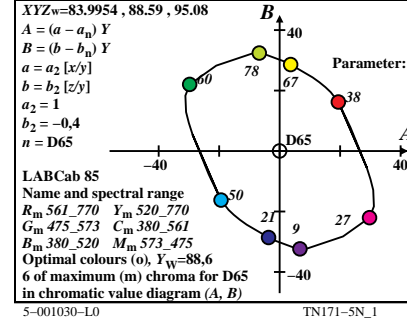
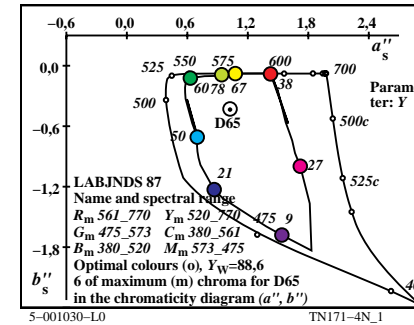
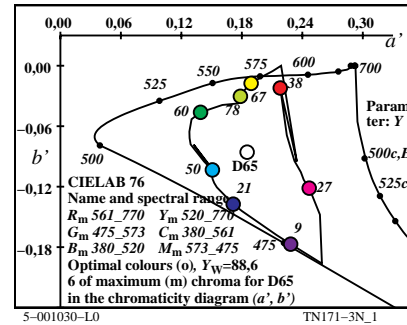
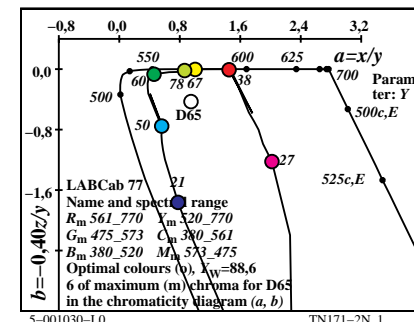
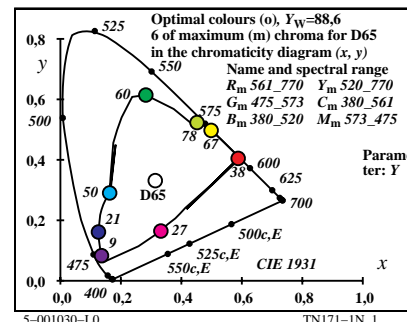
input: w/rgb/cmyk -> w/rgb/cmyk-
output: no change compared

TUB registration: 20130201-TN17/TN17L0NP.PDF /.PS
application for measurement of display output

TUB material: code=rha4ta

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	X _{88.6}	Y _{88.6}	Z _{88.6}	x	y	z	h _{xy}	i _d , λ _d	i _c , λ _c	Code
0	405	31	556	28.12	50.11	94.37	0.1629	0.2903	0.5467	195.0	15 476 37 585 Cm
6	435	31	557	24.8	50.86	74.08	0.1656	0.3396	0.4947	176.6	16 480 44 621
10	450	31	559	19.54	50.96	41.21	0.1749	0.4561	0.3689	137.9	18 491 -1 491c
11	460	32	562	19.75	52.51	33.04	0.1875	0.4986	0.3137	126.9	19 498 -1 498c
12	465	33	565	20.22	53.96	25.67	0.2025	0.5403	0.2571	117.9	21 506 -1 506c
14	470	34	570	21.81	55.87	14.19	0.2373	0.6081	0.1544	105.3	24 522 -1 522c
15	475	35	579	27.93	60.81	10.22	0.2822	0.6144	0.1032	96.3	26 533 -1 533c Gm
16	480	41	606	47.87	72.59	7.29	0.3746	0.5682	0.0571	75.5	30 550 -1 550c
16	485	-1	484c	68.26	81.76	7.29	0.4339	0.5197	0.0463	57.5	32 560 10 454
18	490	-1	490c	68.1	78.9	3.72	0.4518	0.5234	0.0247	54.3	32 562 11 459 max
19	495	-1	495c	68.08	77.11	2.63	0.4605	0.5216	0.0178	52.4	32 563 12 461
19	500	-1	499c	68.08	77.11	2.63	0.4605	0.5216	0.0178	52.4	32 563 12 461
22	510	-1	510c	67.71	70.07	0.89	0.4882	0.5052	0.0064	44.9	33 566 13 466
23	520	-1	519c	67.33	67.16	0.6	0.4983	0.4971	0.0045	41.9	33 568 13 468 Ym
26	530	-1	530c	64.81	56.85	0.14	0.532	0.4667	0.0012	31.8	34 573 14 472
27	540	-1	539c	63.44	53.07	0.07	0.5441	0.4551	0.0006	28.3	35 576 14 473
28	545	-1	544c	61.79	49.2	0.03	0.5565	0.4431	0.0003	24.7	35 578 14 474
29	550	-1	549c	59.85	45.28	0.01	0.5691	0.4306	0.0001	21.3	36 580 15 475
31	555	-1	555c	55.06	37.53	0.0	0.5946	0.4053	0.0	14.8	37 586 15 476
32	560	10	451	62.45	35.47	51.78	0.4171	0.2369	0.3458	317.7	-1 492c 18 492
31	556	0	405	66.68	49.88	12.95	0.5148	0.3851	0.1	15.0	37 585 15 476 Rm
31	557	6	435	70.0	49.13	33.24	0.4594	0.3224	0.2181	356.6	44 621 16 480
31	559	10	450	75.26	49.03	66.11	0.3952	0.2575	0.3472	317.9	-1 491c 18 491
32	562	11	460	75.06	47.48	74.29	0.3813	0.2412	0.3774	307.0	-1 498c 19 498
33	565	12	465	74.58	46.03	81.65	0.3687	0.2275	0.4036	298.0	-1 506c 21 506
34	570	14	470	73.0	44.12	93.14	0.3471	0.2098	0.4429	285.4	-1 522c 24 522
35	579	15	475	66.88	39.18	97.11	0.3291	0.1928	0.4779	276.3	-1 533c 26 533 Mm
41	606	16	480	46.93	27.4	100.03	0.2691	0.1571	0.5736	255.6	-1 550c 30 550
-1	484c	16	485	26.54	18.23	100.03	0.1833	0.1258	0.6907	237.5	10 454 32 560
-1	490c	18	490	26.71	21.09	103.61	0.1764	0.1393	0.6842	234.3	11 459 32 562 min
-1	495c	19	495	26.73	22.88	104.69	0.1732	0.1482	0.6784	232.4	12 461 32 563
-1	499c	19	500	26.73	22.88	104.69	0.1732	0.1482	0.6784	232.4	12 461 32 563
-1	510c	22	510	27.1	29.92	106.43	0.1657	0.183	0.6511	225.0	13 466 33 566
-1	519c	23	520	27.48	32.83	106.72	0.1645	0.1965	0.6389	222.0	13 468 33 568 Bm
-1	530c	26	530	30.0	43.14	107.18	0.1663	0.2392	0.5943	211.8	14 472 34 573
-1	539c	27	540	31.36	46.92	107.25	0.169	0.2529	0.578	208.3	14 473 35 576
-1	544c	28	545	33.01	50.79	107.29	0.1727	0.2657	0.5614	204.8	14 474 35 578
-1	549c	29	550	34.96	54.71	107.32	0.1774	0.2777	0.5447	201.3	15 475 36 580
-1	555c	31	555	39.75	62.46	107.33	0.1896	0.298	0.5122	194.8	15 476 37 586
10	451	32	560	32.36	64.52	55.55	0.2122	0.4232	0.3644	137.6	18 492 -1 492c
380	770	83.99	88.59	95.08	0.3137	0.3309	0.3552	0.0			



TUB-test chart TN17; maximum C_{AB}, Y_m=520_770
XYZ, xyz, h data for illuminant D65, Y_{w,10}=100

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

TUB registration: 20130201-TN17/TN17L0NP.PDF /.PS
application for measurement of display output

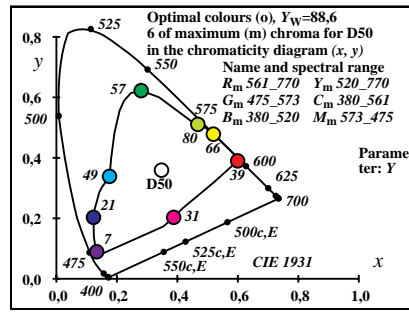
TUB material: code=rh4ta

CIE data for all optimal colours of maximum (m) C_{AB}, D50 and Y_{w,10}=88,6, Y_m=520_770

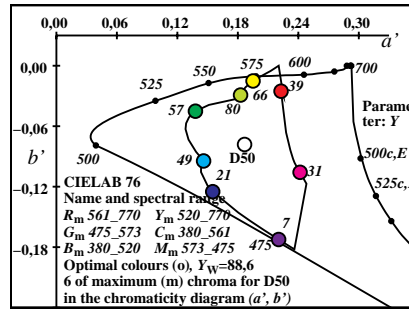
i ₁ , λ ₁	i ₂ , λ ₂	X _{88.6}	Y _{88.6}	Z _{88.6}	x	y	z	h _{xy}	i _d , λ _d	i _c , λ _c	Code	
1	405	31 559	25.72	49.57	71.05	0.1757	0.3387	0.4855	186.9	15 479	37 589	Cm
7	435	32 561	22.74	49.98	52.96	0.1809	0.3976	0.4213	167.1	16 484	58 693	
10	450	32 562	19.94	50.19	33.68	0.1921	0.4834	0.3244	141.4	18 493	-1 493c	
12	460	32 564	19.11	50.86	21.5	0.2089	0.5559	0.2351	125.2	20 503	-1 503c	
13	465	33 566	19.68	51.8	16.41	0.2239	0.5892	0.1867	118.3	22 512	-1 512c	
14	470	34 570	21.54	53.71	12.21	0.2462	0.614	0.1396	111.7	24 521	-1 521c	
15	475	35 576	25.74	57.15	8.92	0.2803	0.6224	0.0971	104.3	26 531	-1 531c	Gm
16	480	38 590	36.57	64.56	6.46	0.3399	0.6	0.06	91.8	28 543	-1 543c	
17	485	-1 485c	73.94	82.03	4.68	0.4602	0.5105	0.0291	53.2	32 563	11 458	
18	490	-1 490c	73.91	80.7	3.39	0.4677	0.5107	0.0214	51.5	32 564	12 460	max
19	495	-1 495c	73.89	79.13	2.43	0.4753	0.509	0.0156	49.5	33 565	12 462	
20	500	-1 500c	73.85	77.28	1.72	0.4831	0.5055	0.0113	47.1	33 566	12 464	
21	510	-1 509c	73.75	75.15	1.22	0.4912	0.5005	0.0081	44.4	33 567	13 466	
24	520	-1 520c	72.64	66.96	0.39	0.5188	0.4783	0.0027	34.7	34 571	14 471	Ym
25	530	-1 529c	71.83	63.63	0.24	0.5293	0.4688	0.0018	31.0	34 573	14 473	
28	540	-1 540c	67.8	52.55	0.03	0.5631	0.4365	0.0002	19.6	35 579	15 476	
29	545	-1 545c	65.86	48.65	0.01	0.575	0.4248	0.0001	16.0	36 581	15 477	
29	550	-1 549c	65.86	48.65	0.01	0.575	0.4248	0.0001	16.0	36 581	15 477	
31	555	-1 555c	61.01	40.81	0.0	0.5991	0.4008	0.0	9.3	37 587	15 479	
32	560	2 411	58.5	37.02	1.78	0.6012	0.3804	0.0183	4.7	38 591	16 480	
31	559	1 405	70.99	50.42	10.35	0.5387	0.3826	0.0785	6.9	37 589	15 479	Rm
32	561	7 435	73.98	50.01	28.44	0.4852	0.328	0.1866	347.1	58 693	16 484	
32	562	10 450	76.78	49.8	47.72	0.4404	0.2857	0.2738	321.5	-1 493c	18 493	
32	564	12 460	77.61	49.13	59.9	0.4158	0.2632	0.3209	305.2	-1 503c	20 503	
33	566	13 465	77.03	48.19	64.99	0.4049	0.2533	0.3416	298.3	-1 512c	22 512	
34	570	14 470	75.18	46.28	69.19	0.3943	0.2427	0.3629	291.7	-1 521c	24 521	
35	576	15 475	70.98	42.84	72.48	0.3809	0.2299	0.389	284.4	-1 531c	26 531	Mm
38	590	16 480	60.14	35.43	74.95	0.3526	0.2077	0.4395	271.9	-1 543c	28 543	
-1	485c	17 485	22.77	17.96	76.72	0.1938	0.1529	0.6531	233.3	11 458	32 563	
-1	490c	18 490	22.81	19.29	78.02	0.1899	0.1605	0.6494	231.5	12 460	32 564	min
-1	495c	19 495	22.83	20.86	78.97	0.1861	0.1701	0.6437	229.5	12 462	33 565	
-1	500c	20 500	22.86	22.71	79.68	0.1825	0.1813	0.636	227.1	12 464	33 566	
-1	509c	21 510	22.96	24.84	80.18	0.1794	0.1941	0.6264	224.5	13 466	33 567	
-1	520c	24 520	24.08	33.03	81.02	0.1743	0.2391	0.5865	214.7	14 471	34 571	Bm
-1	529c	25 530	24.88	36.36	81.16	0.1747	0.2553	0.5699	211.0	14 473	34 573	
-1	540c	28 540	28.92	47.44	81.37	0.1833	0.3007	0.5158	199.6	15 476	35 579	
-1	545c	29 545	30.86	51.34	81.39	0.1886	0.3138	0.4975	196.0	15 477	36 581	
-1	549c	29 550	30.86	51.34	81.39	0.1886	0.3138	0.4975	196.0	15 477	36 581	
-1	555c	31 555	35.7	59.18	81.41	0.2025	0.3356	0.4617	189.3	15 479	37 587	
2	411	32 560	38.21	62.97	79.63	0.2113	0.3482	0.4403	184.7	16 480	38 591	
380	770	85.68	88.58	72.12	0.3477	0.3595	0.2927	0.0				

5-001130-L0 TN170-7N_2

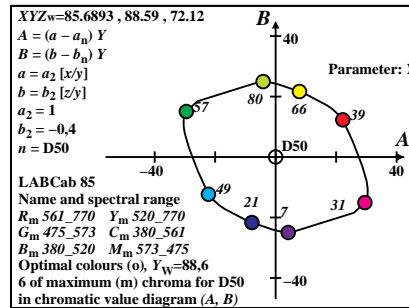
TUB-test chart TN17; maximum C_{AB}, Y_m=520_770
XYZ, x_{yz}, h data for illuminant D50, Y_{w,10}=100



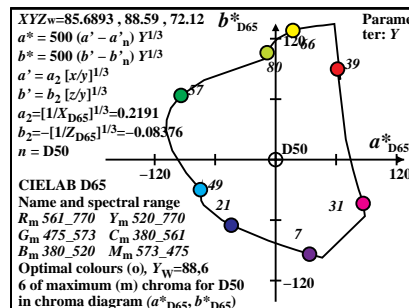
5-001130-L0 TN171-IN_2



5-001130-L0 TN171-3N_2

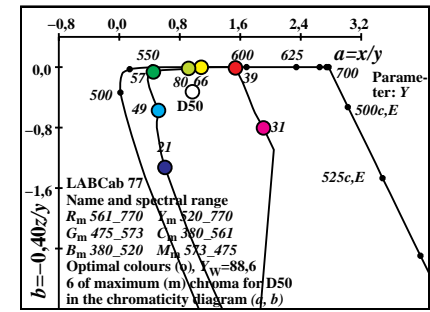


5-001130-L0 TN171-5N_2

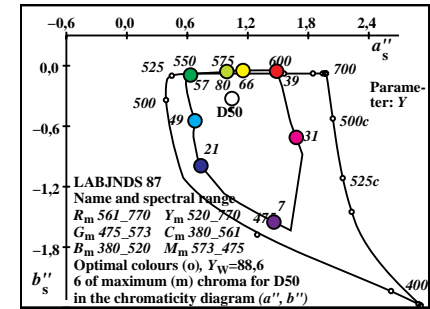


5-001130-L0 TN171-7N_2

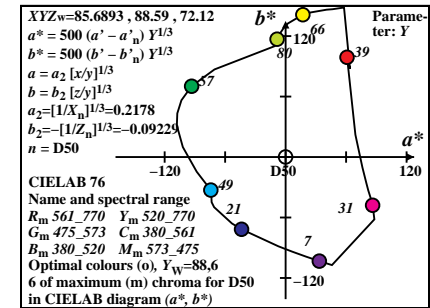
input: w/rgb/cmyk -> w/rgb/cmyk-
output: no change compared



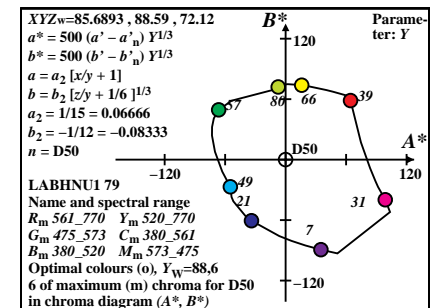
5-001130-L0 TN171-2N_2



5-001130-L0 TN171-4N_2



5-001130-L0 TN171-6N_2



5-001130-L0 TN171-8N_2

TUB registration: 20130201-TN17/TN17L0NP.PDF /PS
application for measurement of display output

TUB material: code=rh4ta

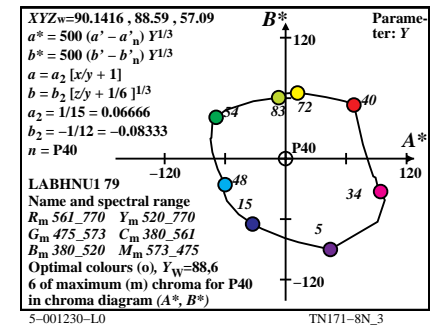
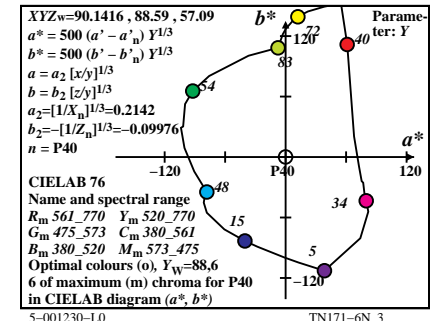
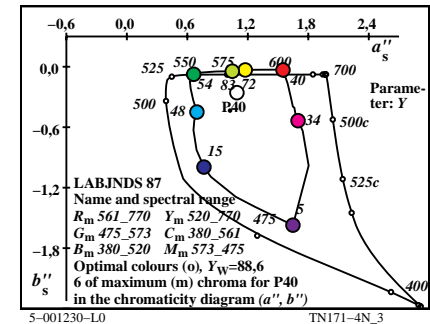
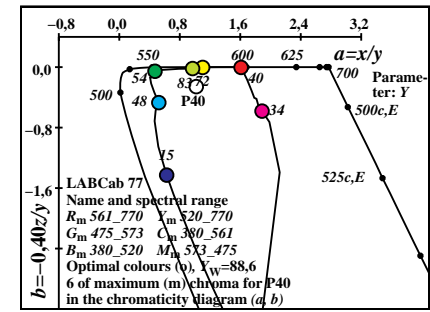
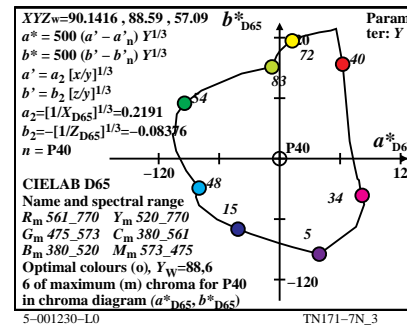
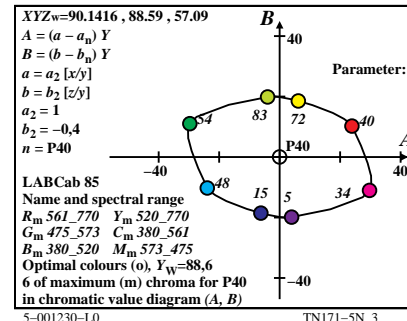
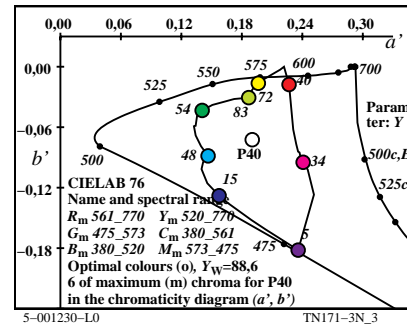
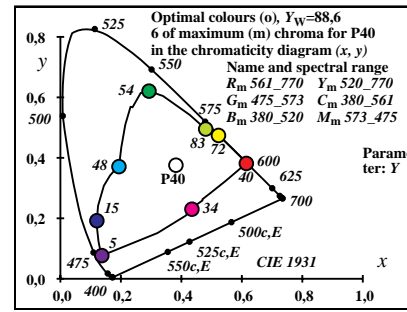
CIE data for all optimal colours of maximum (m) C_{AB}, P40 and Y_{w,10}=88.6, Y_m=520_770

i ₁ , λ ₁	i ₂ , λ ₂	X _{88.6}	Y _{88.6}	Z _{88.6}	x	y	z	h _{xy}	i _d , λ _d	i _c , λ _c	Code
0	405	32	563	25.22	48.29	56.71	0.1937	0.3708	0.4354	181.4	16 481 38 591 Cm
7	435	32	564	22.5	48.56	40.64	0.2014	0.4347	0.3638	161.8	17 487 -1 487c
10	450	33	565	20.53	48.79	26.34	0.2146	0.5099	0.2753	141.2	19 495 -1 495c
12	460	33	567	20.14	49.38	17.32	0.2319	0.5686	0.1994	127.9	21 505 -1 505c
12	465	33	568	21.3	50.64	17.32	0.2386	0.5673	0.194	126.8	21 506 -1 506c
14	470	34	571	22.34	51.74	10.14	0.2652	0.6142	0.1204	116.0	24 521 -1 521c
15	475	35	576	25.73	54.48	7.56	0.2931	0.6206	0.0861	109.9	26 531 -1 531c Gm
16	480	37	585	33.82	60.22	5.58	0.3394	0.6044	0.056	100.5	28 542 -1 542c
17	485	42	611	57.84	73.36	4.1	0.4274	0.5421	0.0303	74.7	31 558 -1 558c
17	490	-1 489c	80.89	83.41	4.1	0.4803	0.4952	0.0243	50.6	33 566 11 458 max	
19	495	-1 495c	80.84	80.92	2.17	0.4931	0.4935	0.0132	46.7	33 568 12 463	
20	500	-1 500c	80.81	79.31	1.56	0.4998	0.4905	0.0096	44.3	33 569 13 465	
22	510	-1 510c	80.54	75.25	0.78	0.5143	0.4805	0.005	38.4	34 571 13 469	
23	520	-1 519c	80.22	72.76	0.54	0.5225	0.4739	0.0035	35.0	34 572 14 471 Ym	
25	530	-1 529c	78.98	66.96	0.22	0.5403	0.4581	0.0015	27.5	35 575 14 474	
28	540	-1 540c	75.19	56.6	0.03	0.5703	0.4293	0.0002	15.9	36 581 15 477	
28	545	-1 544c	75.19	56.6	0.03	0.5703	0.4293	0.0002	15.9	36 581 15 477	
30	550	-1 550c	71.13	49.03	0.0	0.5919	0.408	0.0	8.7	37 585 15 479	
31	555	-1 555c	68.55	45.14	0.0	0.6029	0.397	0.0	5.5	37 587 16 480	
31	560	-1 559c	68.55	45.14	0.0	0.6029	0.397	0.0	5.5	37 587 16 480	
32	563	0	405	76.52	51.7	7.73	0.5628	0.3803	0.0568	1.4	38 591 16 481 Rm
32	564	7	435	79.24	51.43	23.8	0.5129	0.3329	0.154	341.9	-1 487c 17 487
33	565	10	450	81.21	51.2	38.09	0.4762	0.3003	0.2234	321.3	-1 495c 19 495
33	567	12	460	81.6	50.61	47.12	0.455	0.2822	0.2627	307.9	-1 505c 21 505
33	568	12	465	80.44	49.35	47.12	0.4547	0.2789	0.2663	306.8	-1 506c 21 506
34	571	14	470	79.4	48.25	54.29	0.4363	0.2651	0.2984	296.1	-1 521c 24 521
35	576	15	475	76.01	45.51	56.88	0.426	0.255	0.3188	290.0	-1 531c 26 531 Mm
37	585	16	480	67.92	39.77	58.85	0.4078	0.2387	0.3533	280.6	-1 542c 28 542
42	611	17	485	43.9	26.63	60.34	0.3354	0.2034	0.461	254.8	-1 558c 31 558
-1 489c	17 490	20.85	16.58	60.34	0.2132	0.1696	0.6171	230.6	11 458 33 566 min		
-1 495c	19 495	20.9	19.07	62.27	0.2044	0.1865	0.609	226.7	12 463 33 568		
-1 500c	20 500	20.93	20.68	62.88	0.2003	0.1979	0.6017	224.3	13 465 33 569		
-1 510c	22 510	21.2	24.74	63.66	0.1934	0.2257	0.5807	218.4	13 469 34 571		
-1 519c	23 520	21.53	27.23	63.9	0.191	0.2417	0.5671	215.0	14 471 34 572 Bm		
-1 529c	25 530	22.76	33.03	64.21	0.1897	0.2752	0.535	207.5	14 474 35 575		
-1 540c	28 540	26.55	43.39	64.41	0.1976	0.3229	0.4794	195.9	15 477 36 581		
-1 544c	28 545	26.55	43.39	64.41	0.1976	0.3229	0.4794	195.9	15 477 36 581		
-1 550c	30 550	30.61	50.96	64.44	0.2096	0.349	0.4413	188.7	15 479 37 585		
-1 555c	31 555	33.19	54.85	64.44	0.2176	0.3597	0.4226	185.5	16 480 37 587		
-1 559c	31 560	33.19	54.85	64.44	0.2176	0.3597	0.4226	185.5	16 480 37 587		
380	770	90.14	88.59	57.09	0.3822	0.3756	0.2421	0.0			

5-001230-L0

TN170-7N_3

TUB-test chart TN17; maximum C_{AB}, Y_m=520_770
XYZ, x_{yz}, h data for illuminant P40, Y_{w,10}=100



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

see similar files: http://130.149.60.45/~farbmetrik/TN17/TN17.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20130201-TN17/TN17L0NP.PDF /.PS
application for measurement of display output
TUB material: code=rh4ta

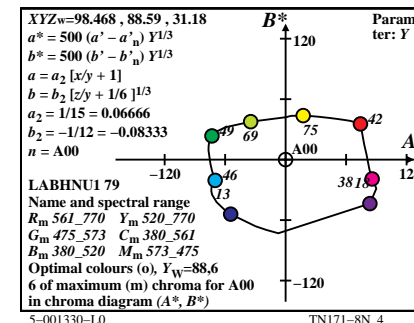
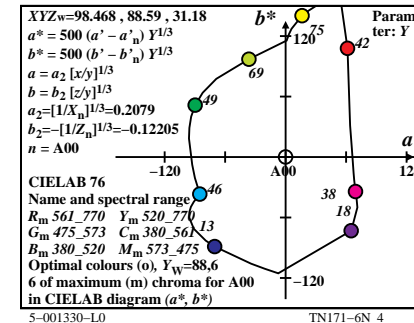
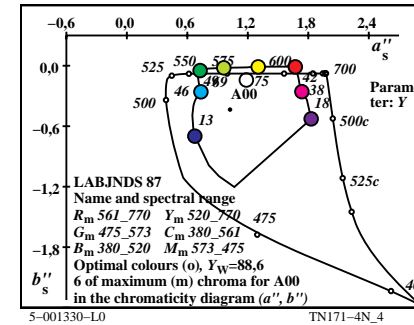
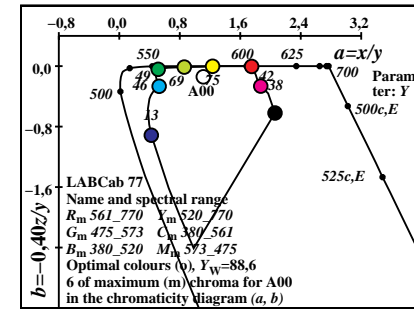
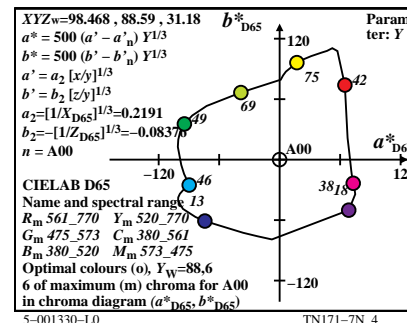
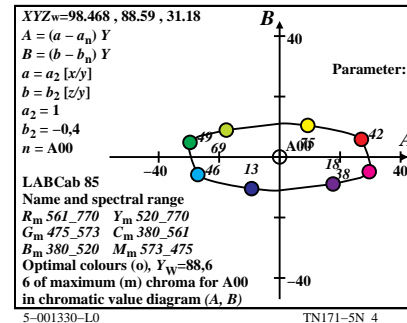
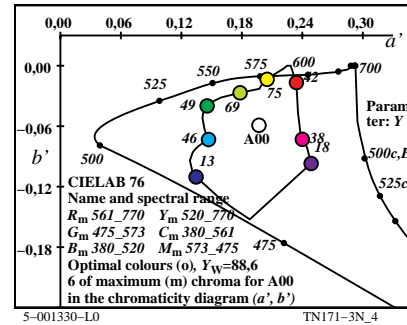
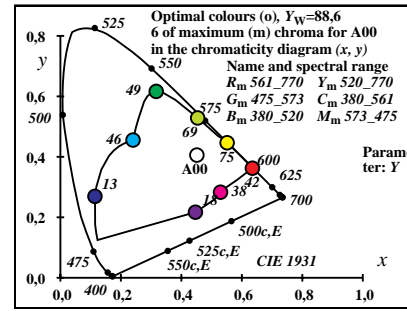
CIE data for all optimal colours of maximum (m) C_{AB}, A00 and Y_{w,10}=88,6, Y_m=520_770

i ₁ , λ ₁	i ₂ , λ ₂	X _{88.6}	Y _{88.6}	Z _{88.6}	x	y	z	h _{xy}	i _d , λ _d	i _c , λ _c	Code
1	405 34 570	24.41	46.3	30.85	0.2404	0.4558	0.3037	166.6	17 487	39 597	Cm
7	435 34 570	23.37	46.48	23.83	0.2494	0.4961	0.2544	155.9	18 491	47 639	
9	450 34 571	22.92	46.75	19.01	0.2584	0.5271	0.2144	147.8	19 495	-1 495c	
12	460 34 572	22.3	46.95	11.32	0.2768	0.5826	0.1405	134.6	21 505	-1 505c	
13	465 34 573	22.67	47.37	9.0	0.2867	0.5992	0.1139	130.3	22 512	-1 512c	
14	470 34 574	23.6	48.19	6.99	0.2995	0.6116	0.0887	126.3	24 520	-1 520c	
15	475 35 576	25.5	49.59	5.35	0.3169	0.6164	0.0665	122.5	25 528	-1 528c	Gm
16	480 36 581	29.32	52.34	4.06	0.342	0.6105	0.0474	118.0	27 537	-1 537c	
17	485 37 588	37.11	57.43	3.06	0.3802	0.5884	0.0313	111.2	29 547	-1 547c	
18	490 41 609	60.13	69.96	2.29	0.4542	0.5284	0.0173	88.5	32 561	-1 561c	max
19	495 -1 495c	93.65	83.69	1.7	0.523	0.4674	0.0095	40.5	34 573	13 465	
20	500 -1 500c	93.63	82.5	1.25	0.5278	0.4651	0.007	37.6	34 573	13 468	
21	510 -1 509c	93.56	81.07	0.91	0.5329	0.4618	0.0052	34.3	34 574	14 470	
24	520 -1 520c	92.73	75.08	0.31	0.5515	0.4465	0.0018	22.0	35 577	15 476	Ym
25	530 -1 529c	92.11	72.52	0.2	0.5588	0.4399	0.0012	17.5	35 578	15 477	
27	540 -1 539c	90.14	66.59	0.06	0.5748	0.4246	0.0004	8.6	36 581	16 480	
29	545 -1 545c	86.98	59.77	0.01	0.5926	0.4072	0.0	0.5	37 585	16 483	
30	550 -1 550c	84.87	56.1	0.0	0.602	0.3979	0.0	0.0	37 587	16 484	
31	555 -1 555c	82.34	52.29	0.0	0.6116	0.3883	0.0	0.0	37 589	17 485	
32	560 -1 560c	79.36	48.36	0.0	0.6213	0.3786	0.0	0.0	38 592	17 486	
34	570 1 405	86.73	53.69	4.34	0.599	0.3709	0.03	346.6	39 597	17 487	Rm
34	570 7 435	87.77	53.51	11.36	0.575	0.3505	0.0744	335.9	47 639	18 491	
34	571 9 450	88.22	53.24	16.18	0.5596	0.3377	0.1026	327.8	-1 495c	19 495	
34	572 12 460	88.84	53.04	23.87	0.5359	0.32	0.144	314.6	-1 505c	21 505	
34	573 13 465	88.47	52.62	26.19	0.5288	0.3145	0.1565	310.4	-1 512c	22 512	
34	574 14 470	87.54	51.8	28.2	0.5224	0.3091	0.1683	306.4	-1 520c	24 520	
35	576 15 475	85.64	50.4	29.84	0.5162	0.3038	0.1798	302.5	-1 528c	25 528	Mm
36	581 16 480	81.82	47.65	31.13	0.5094	0.2966	0.1938	298.1	-1 537c	27 537	
37	588 17 485	74.03	42.56	32.13	0.4977	0.2861	0.216	291.2	-1 547c	29 547	
41	609 18 490	51.01	30.03	32.9	0.4476	0.2635	0.2887	268.6	-1 561c	32 561	min
-1	495c 19 495	17.49	16.3	33.49	0.2599	0.2422	0.4977	220.5	13 465	34 573	
-1	500c 20 500	17.51	17.49	33.94	0.254	0.2536	0.4922	217.6	13 468	34 573	
-1	509c 21 510	17.58	18.92	34.28	0.2484	0.2672	0.4842	214.3	14 470	34 574	
-1	520c 24 520	18.41	24.91	34.88	0.2354	0.3185	0.446	202.0	15 476	35 577	Bm
-1	529c 25 530	19.03	27.47	34.99	0.2335	0.3371	0.4293	197.5	15 477	35 578	
-1	539c 27 540	21.0	33.4	35.13	0.2345	0.373	0.3923	188.6	16 480	36 581	
-1	545c 29 545	24.16	40.22	35.18	0.2426	0.4039	0.3533	180.5	16 483	37 585	
-1	550c 30 550	26.27	43.89	35.19	0.2494	0.4165	0.334	176.9	16 484	37 587	
-1	555c 31 555	28.8	47.7	35.19	0.2578	0.427	0.315	173.7	17 485	37 589	
-1	560c 32 560	31.78	51.63	35.19	0.2679	0.4352	0.2967	170.8	17 486	38 592	
380	770	98.46	88.59	31.18	0.4511	0.4059	0.1428	0.0			

5-001330-L0

TN170-7N_4

TUB-test chart TN17; maximum C_{AB}, Y_m=520_770
XYZ, x_{yz}, h data for illuminant A00, Y_{w,10}=100



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

TUB registration: 20130201-TN17/TN17L0NP.PDF /.PS
application for measurement of display output

TUB material: code=rh4ta

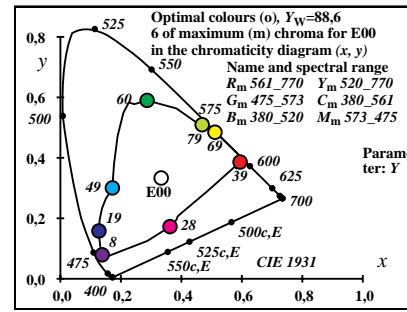
CIE data for all optimal colours of maximum (m) C_{AB} , E_{00} and $Y_{w,10}=88,6$, $Y_m=520_770$

i_1, λ_1	i_2, λ_2	$X_{88,6}$	$Y_{88,6}$	$Z_{88,6}$	x	y	z	h_{xy}	i_d, λ_d	i_c, λ_c	Code
1	405 31 559	28.18	49.32	86.6	0.1717	0.3005	0.5277	191.4	15 477	37 589	Cm
7	435 32 561	23.26	49.67	58.35	0.1772	0.3783	0.4444	163.8	16 484	-1 484c	
10	450 32 562	20.01	49.98	35.73	0.1893	0.4727	0.3379	135.9	18 493	-1 493c	
12	460 33 565	19.33	50.94	22.54	0.2082	0.5488	0.2429	120.1	21 506	-1 506c	
13	465 33 568	20.25	52.23	17.09	0.2261	0.583	0.1908	113.2	23 515	-1 515c	
13	470 34 572	23.54	55.57	17.09	0.2447	0.5775	0.1776	109.9	24 520	-1 520c	
14	475 36 581	29.38	60.42	12.63	0.2868	0.5897	0.1233	100.2	26 532	-1 532c	Gm
16	480 40 604	48.47	71.12	6.66	0.3839	0.5632	0.0528	77.5	30 551	-1 551c	
17	485 -1 485c	73.62	81.33	4.79	0.4608	0.5091	0.03	54.0	32 564	11 456	
18	490 -1 490c	73.58	79.94	3.43	0.4688	0.5093	0.0218	52.3	32 564	11 458	max
19	495 -1 495c	73.57	78.31	2.44	0.4766	0.5074	0.0158	50.5	33 565	12 460	
20	500 -1 500c	73.53	76.43	1.72	0.4847	0.5038	0.0113	48.3	33 566	12 462	
22	510 -1 510c	73.22	71.82	0.84	0.5019	0.4922	0.0057	43.2	33 569	13 466	
23	520 -1 519c	72.86	69.07	0.57	0.5113	0.4846	0.004	40.3	34 570	13 468	Ym
25	530 -1 529c	71.54	62.84	0.23	0.5314	0.4668	0.0017	33.9	34 573	14 470	
27	540 -1 539c	69.22	55.84	0.07	0.5531	0.4462	0.0006	27.1	35 577	14 473	
29	545 -1 545c	65.78	48.4	0.01	0.576	0.4238	0.0001	20.4	36 582	15 475	
29	550 -1 549c	65.78	48.4	0.01	0.576	0.4238	0.0001	20.4	36 582	15 475	
31	555 -1 555c	61.1	40.83	0.0	0.5993	0.4005	0.0	14.1	37 587	15 476	
32	560 3 415	59.5	37.2	5.75	0.5806	0.3631	0.0562	6.8	39 595	15 478	
31	559 1 405	71.8	50.67	13.4	0.5284	0.3729	0.0986	11.4	37 589	15 477	Rm
32	561 7 435	76.72	50.32	41.65	0.4547	0.2982	0.2469	343.9	-1 484c	16 484	
32	562 10 450	79.97	50.01	64.27	0.4116	0.2574	0.3308	315.9	-1 493c	18 493	
33	565 12 460	80.66	49.05	77.46	0.3893	0.2367	0.3738	300.1	-1 506c	21 506	
33	568 13 465	79.73	47.76	82.91	0.3789	0.2269	0.394	293.2	-1 515c	23 515	
34	572 13 470	76.44	44.42	82.91	0.3751	0.218	0.4068	289.9	-1 520c	24 520	
36	581 14 475	70.6	39.57	87.37	0.3573	0.2003	0.4422	280.3	-1 532c	26 532	Mm
40	604 16 480	51.51	28.87	93.34	0.2965	0.1662	0.5372	257.6	-1 551c	30 551	
-1	485c 17 485	26.36	18.66	95.21	0.1879	0.133	0.6789	234.0	11 456	32 564	
-1	490c 18 490	26.4	20.05	96.57	0.1845	0.1402	0.6752	232.4	11 458	32 564	min
-1	495c 19 495	26.41	21.68	97.56	0.1813	0.1488	0.6697	230.5	12 460	33 565	
-1	500c 20 500	26.45	23.56	98.28	0.1783	0.1588	0.6627	228.4	12 462	33 566	
-1	510c 22 510	26.76	28.17	99.16	0.1736	0.1828	0.6434	223.3	13 466	33 569	
-1	519c 23 520	27.12	30.92	99.43	0.1722	0.1963	0.6314	220.3	13 468	34 570	Bm
-1	529c 25 530	28.45	37.15	99.77	0.172	0.2246	0.6032	213.9	14 470	34 573	
-1	539c 27 540	30.76	44.15	99.93	0.1759	0.2525	0.5715	207.2	14 473	35 577	
-1	545c 29 545	34.2	51.59	99.99	0.1841	0.2776	0.5382	200.4	15 475	36 582	
-1	549c 29 550	34.2	51.59	99.99	0.1841	0.2776	0.5382	200.4	15 475	36 582	
-1	555c 31 555	38.88	59.16	100.0	0.1963	0.2987	0.5049	194.1	15 476	37 587	
3	415 32 560	40.49	62.79	94.25	0.2049	0.3178	0.4771	186.8	15 478	39 595	
380	770	88.58	88.58	88.59	0.3333	0.3333	0.3333	0.0			

5-001430-L0

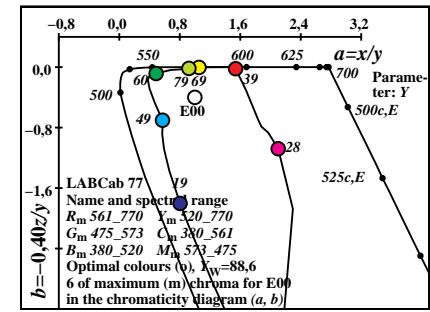
TN170-7N_5

TUB-test chart TN17; maximum C_{AB} , $Y_m=520_770$
 XYZ, xy_z , h data for illuminant E00, $Y_{w,10}=100$



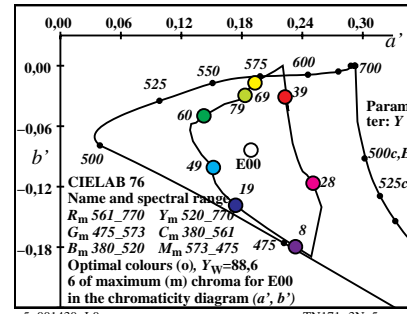
5-001430-L0

TN171-1N_5



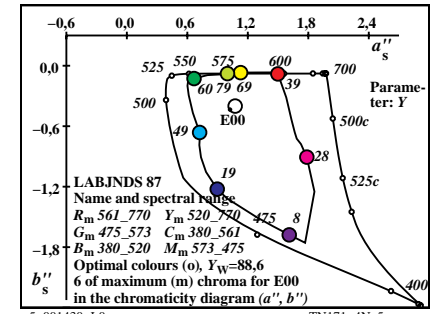
5-001430-L0

TN171-2N_5



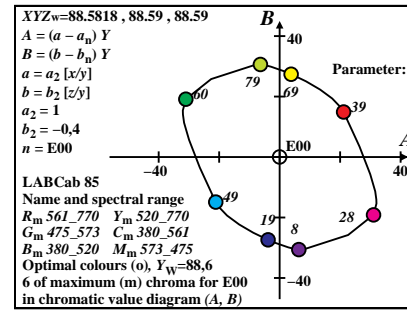
5-001430-L0

TN171-3N_5



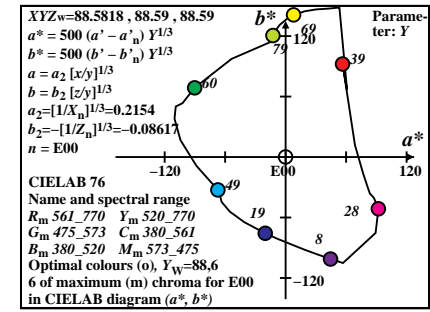
5-001430-L0

TN171-4N_5



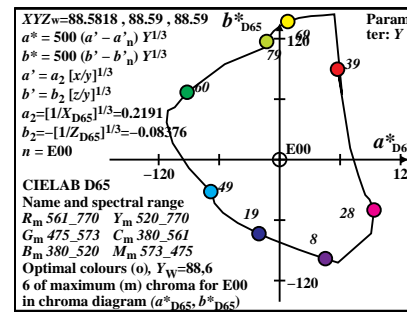
5-001430-L0

TN171-5N_5



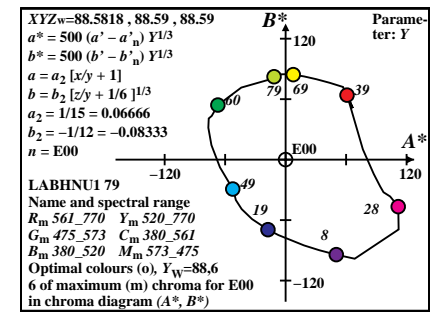
5-001430-L0

TN171-6N_5



5-001430-L0

TN171-7N_5



5-001430-L0

TN171-8N_5

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

TUB registration: 20130201-TN17/TN17L0NP.PDF /.PS
 application for measurement of display output

TUB material: code=rh4ta

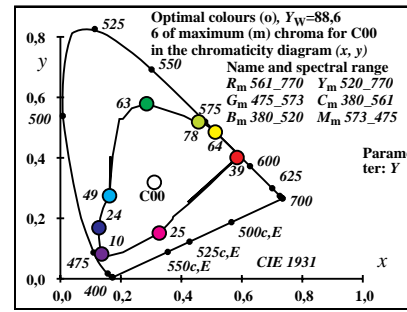
CIE data for all optimal colours of maximum (m) C_{AB} , C_{00} and $Y_{w,10}=88,6$, $Y_m=520_770$

i_1, λ_1	i_2, λ_2	$X_{88,6}$	$Y_{88,6}$	$Z_{88,6}$	x	y	z	h_{xy}	i_d, λ_d	i_c, λ_c	Code
1	405 31 556	29.28	49.5	101.47	0.1624	0.2746	0.5629	196.7	15 475	37 586	Cm
6	435 31 558	25.71	50.35	79.37	0.1654	0.3239	0.5106	178.0	16 480	44 623	
9	450 32 560	21.63	50.96	52.26	0.1732	0.4081	0.4185	146.9	17 487	-1 487c	
12	460 32 563	19.07	51.67	27.03	0.1951	0.5284	0.2764	118.8	20 504	-1 504c	
12	465 33 566	21.12	54.03	27.03	0.2066	0.5287	0.2645	116.2	21 507	-1 507c	
13	470 34 572	23.98	57.3	20.34	0.236	0.5638	0.2001	106.8	24 520	-1 520c	
14	475 36 582	31.09	63.12	14.85	0.285	0.5787	0.1362	95.5	26 533	-1 533c	Gm
16	480 44 622	58.22	76.76	7.52	0.4085	0.5386	0.0527	65.8	31 556	0 403	
17	485 -1 485c	68.92	79.83	5.25	0.4475	0.5183	0.0341	55.4	32 562	11 456	
18	490 -1 490c	68.87	78.19	3.64	0.457	0.5188	0.0241	53.7	32 563	11 459	max
19	495 -1 495c	68.86	76.34	2.51	0.4661	0.5168	0.017	51.7	32 564	12 461	
20	500 -1 500c	68.82	74.3	1.73	0.4751	0.5129	0.0119	49.6	33 565	12 463	
22	510 -1 510c	68.51	69.61	0.82	0.493	0.5009	0.0059	44.8	33 567	13 466	
24	520 -1 520c	67.63	64.04	0.37	0.5121	0.485	0.0028	39.4	34 570	13 468	Ym
26	530 -1 530c	65.87	57.57	0.14	0.5329	0.4658	0.0011	33.3	34 574	14 471	
28	540 -1 540c	62.96	50.2	0.03	0.5561	0.4434	0.0003	26.8	35 578	14 473	
28	545 -1 544c	62.96	50.2	0.03	0.5561	0.4434	0.0003	26.8	35 578	14 473	
29	550 -1 549c	61.02	46.31	0.01	0.5684	0.4314	0.0001	23.5	36 580	14 474	
31	555 -1 555c	56.12	38.38	0.0	0.5938	0.4061	0.0	17.0	37 585	15 475	
31	560 9 447	66.32	39.93	51.32	0.4208	0.2533	0.3257	329.3	-1 487c	17 487	
31	556 1 405	68.0	50.49	14.67	0.5106	0.3791	0.1101	16.6	37 586	15 475	Rm
31	558 6 435	71.57	49.64	36.77	0.453	0.3142	0.2327	358.0	44 623	16 480	
32	560 9 450	75.65	49.03	63.87	0.4012	0.26	0.3387	327.0	-1 487c	17 487	
32	563 12 460	78.2	48.32	89.11	0.3626	0.2241	0.4132	298.8	-1 504c	20 504	
33	566 12 465	76.16	45.96	89.11	0.3605	0.2175	0.4218	296.3	-1 507c	21 507	
34	572 13 470	73.29	42.69	95.8	0.346	0.2015	0.4523	286.9	-1 520c	24 520	
36	582 14 475	66.19	36.87	101.28	0.3239	0.1804	0.4956	275.6	-1 533c	26 533	Mm
44	622 16 480	39.06	23.23	108.62	0.2285	0.1359	0.6355	245.9	0 403	31 556	
-1	485c 17 485	28.35	20.16	110.89	0.1778	0.1264	0.6956	235.4	11 456	32 562	
-1	490c 18 490	28.4	21.8	112.5	0.1745	0.134	0.6913	233.7	11 459	32 563	min
-1	495c 19 495	28.42	23.65	113.62	0.1715	0.1427	0.6857	231.7	12 461	32 564	
-1	500c 20 500	28.46	25.69	114.41	0.1688	0.1524	0.6786	229.6	12 463	33 565	
-1	510c 22 510	28.77	30.38	115.31	0.1649	0.1741	0.6609	224.9	13 466	33 567	
-1	520c 24 520	29.65	35.95	115.77	0.1634	0.1982	0.6382	219.4	13 468	34 570	Bm
-1	530c 26 530	31.41	42.42	116.0	0.1654	0.2234	0.611	213.4	14 471	34 574	
-1	540c 28 540	34.32	49.79	116.1	0.1714	0.2486	0.5798	206.8	14 473	35 578	
-1	544c 28 545	34.32	49.79	116.1	0.1714	0.2486	0.5798	206.8	14 473	35 578	
-1	549c 29 550	36.25	53.68	116.13	0.1759	0.2605	0.5635	203.5	14 474	36 580	
-1	555c 31 555	41.16	61.61	116.14	0.188	0.2814	0.5305	197.0	15 475	37 585	
9	447 31 560	30.95	60.06	64.81	0.1986	0.3854	0.4159	149.2	17 487	-1 487c	
380	770	86.18	88.59	102.89	0.3103	0.319	0.3705	0.0			

5-001530-L0

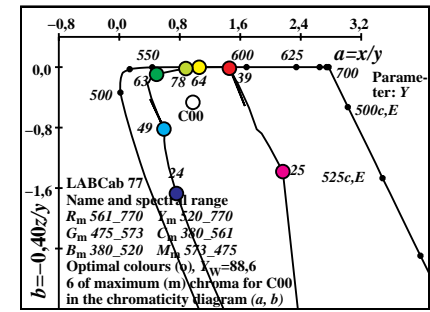
TN170-7N_6

TUB-test chart TN17; maximum C_{AB} , $Y_m=520_770$
 XYZ, xy_z , h data for illuminant C00, $Y_{w,10}=100$



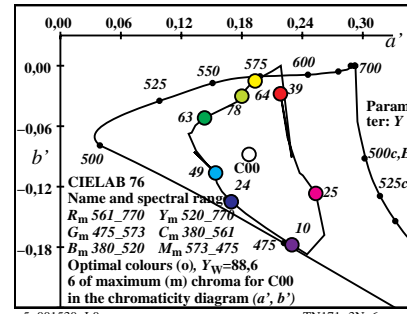
5-001530-L0

TN171-1N_6



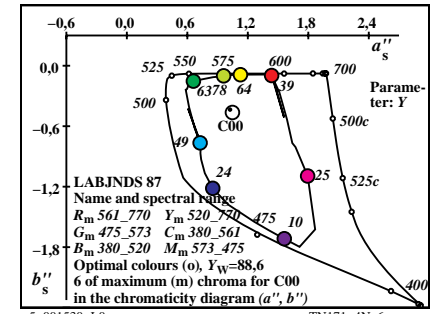
5-001530-L0

TN171-2N_6



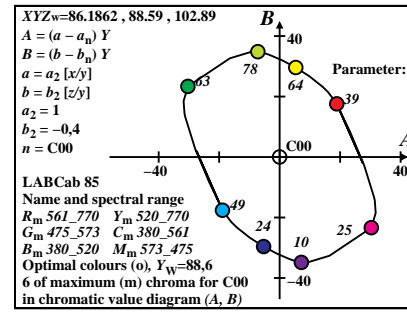
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TN171-3N_6



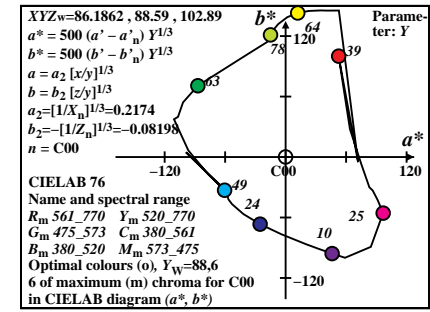
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TN171-4N_6



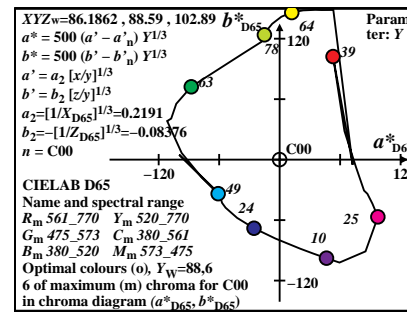
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TN171-5N_6



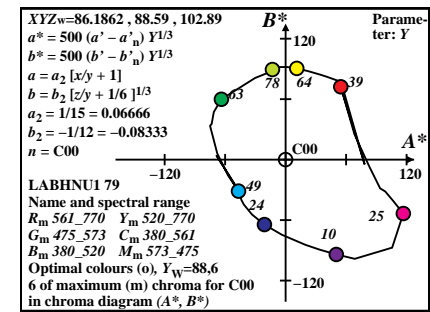
5-001530-L0

TN171-6N_6



5-001530-L0

TN171-7N_6



5-001530-L0

TN171-8N_6

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

TUB registration: 20130201-TN17/TN17L0NP.PDF /.PS
 application for measurement of display output

TUB material: code=rh4ta

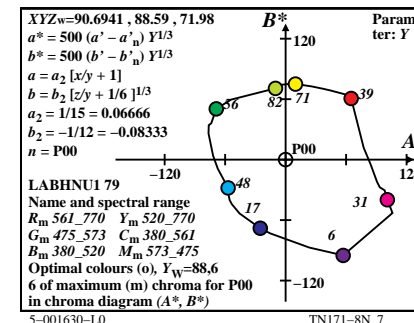
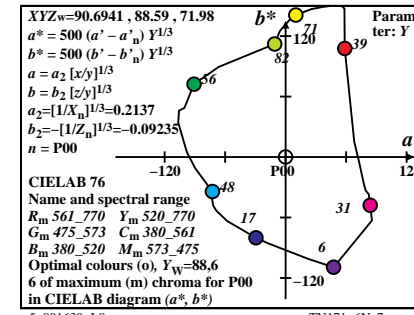
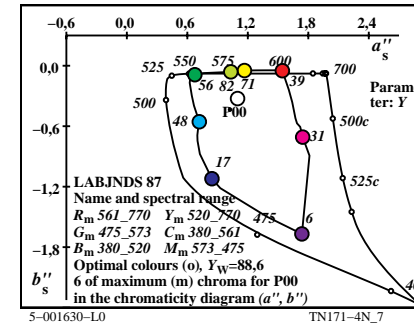
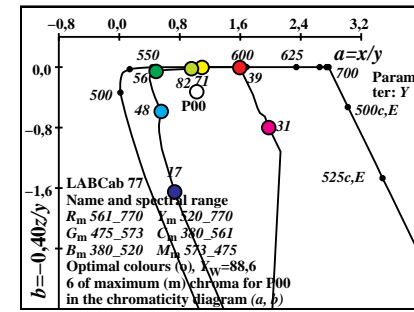
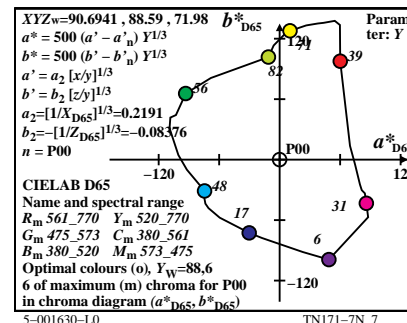
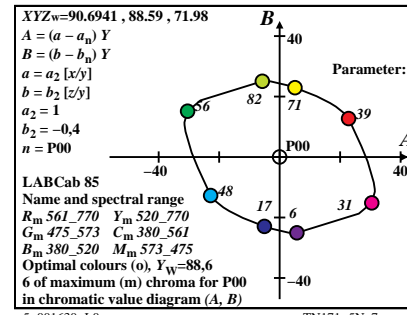
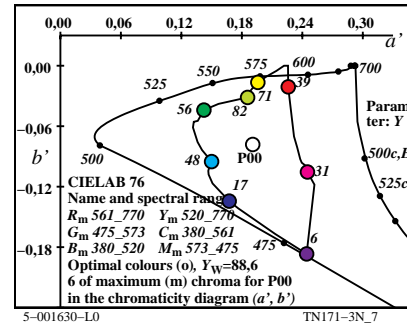
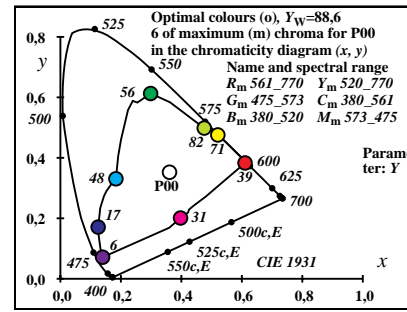
CIE data for all optimal colours of maximum (m) C_{AB}, P00 and Y_{w,10}=88.6, Y_m=520_770

i ₁ , λ ₁	i ₂ , λ ₂	X _{88.6}	Y _{88.6}	Z _{88.6}	x	y	z	h _{xy}	i _d , λ _d	i _c , λ _c	Code
0	405	32	562	26.98	48.64	71.34	0.1836	0.3309	0.4854	186.9	15 479 38 591 Cm
7	435	32	563	23.05	48.91	48.7	0.191	0.4053	0.4035	162.7	17 485 -1 485c
9	450	32	564	21.55	49.48	36.49	0.2004	0.4601	0.3394	146.1	18 491 -1 491c
12	460	33	567	20.0	49.93	19.53	0.2235	0.558	0.2183	123.7	21 506 -1 506c
13	465	33	569	20.73	50.97	14.94	0.2392	0.5882	0.1724	117.2	22 514 -1 514c
13	470	34	572	23.45	53.65	14.94	0.2547	0.5828	0.1623	114.7	23 518 -1 518c
15	475	35	579	27.57	56.67	8.21	0.2982	0.6129	0.0888	103.5	26 534 -1 534c Gm
16	480	38	593	40.32	64.97	5.99	0.3623	0.5837	0.0538	89.6	29 547 -1 547c
17	485	-1 485c	78.71	82.48	4.35	0.4754	0.4982	0.0263	51.7	33 566 11 457	
17	490	-1 489c	78.71	82.48	4.35	0.4754	0.4982	0.0263	51.7	33 566 11 457 max	
19	495	-1 495c	78.66	79.78	2.26	0.4894	0.4964	0.014	48.2	33 567 12 461	
19	500	-1 499c	78.66	79.78	2.26	0.4894	0.4964	0.014	48.2	33 567 12 461	
22	510	-1 510c	78.35	73.83	0.8	0.5121	0.4826	0.0052	40.6	34 570 13 467	
23	520	-1 519c	78.01	71.27	0.54	0.5206	0.4756	0.0036	37.6	34 572 13 469 Ym	
26	530	-1 530c	75.76	62.09	0.13	0.549	0.4499	0.0009	27.3	35 577 14 473	
28	540	-1 540c	72.97	55.01	0.03	0.57	0.4297	0.0002	20.2	36 580 15 475	
28	545	-1 544c	72.97	55.01	0.03	0.57	0.4297	0.0002	20.2	36 580 15 475	
29	550	-1 549c	71.13	51.31	0.01	0.5808	0.419	0.0	16.8	36 583 15 476	
31	555	-1 555c	66.45	43.74	0.0	0.603	0.3969	0.0	10.3	37 587 15 478	
32	560	-1 560c	63.56	39.93	0.0	0.6141	0.3858	0.0	7.4	38 590 15 479	
32	562	0	405	75.38	51.35	9.9	0.5516	0.3758	0.0724	6.9	38 591 15 479 Rm
32	563	7	435	79.31	51.08	32.54	0.4867	0.3134	0.1997	342.7	-1 485c 17 485
32	564	9	450	80.82	50.51	44.75	0.4589	0.2868	0.2541	326.1	-1 491c 18 491
33	567	12	460	82.37	50.06	61.71	0.4242	0.2578	0.3178	303.8	-1 506c 21 506
33	569	13	465	81.63	49.02	66.3	0.4144	0.2488	0.3366	297.3	-1 514c 22 514
34	572	13	470	78.92	46.34	66.3	0.4119	0.2419	0.3461	294.7	-1 518c 23 518
35	579	15	475	74.79	43.32	73.04	0.3912	0.2266	0.382	283.5	-1 534c 26 534 Mm
38	593	16	480	62.05	35.02	75.25	0.36	0.2032	0.4366	269.6	-1 547c 29 547
-1	485c	17	485	23.65	17.51	76.89	0.2003	0.1483	0.6512	231.8	11 457 33 566
-1	489c	17	490	23.65	17.51	76.89	0.2003	0.1483	0.6512	231.8	11 457 33 566 min
-1	495c	19	495	23.7	20.21	78.99	0.1928	0.1644	0.6426	228.2	12 461 33 567
-1	499c	19	500	23.7	20.21	78.99	0.1928	0.1644	0.6426	228.2	12 461 33 567
-1	510c	22	510	24.02	26.16	80.45	0.1838	0.2002	0.6158	220.7	13 467 34 570
-1	519c	23	520	24.35	28.72	80.7	0.182	0.2147	0.6032	217.6	13 469 34 572 Bm
-1	530c	26	530	26.6	37.9	81.11	0.1826	0.2602	0.557	207.3	14 473 35 577
-1	540c	28	540	29.39	44.98	81.21	0.1889	0.289	0.5219	200.2	15 475 36 580
-1	544c	28	545	29.39	44.98	81.21	0.1889	0.289	0.5219	200.2	15 475 36 580
-1	549c	29	550	31.23	48.68	81.24	0.1938	0.302	0.5041	196.8	15 476 36 583
-1	555c	31	555	35.92	56.25	81.25	0.2071	0.3243	0.4685	190.4	15 478 37 587
-1	560c	32	560	38.8	60.06	81.25	0.2154	0.3334	0.451	187.4	15 479 38 590
380	770	90.69	88.59	71.98	0.3609	0.3525	0.2864	0.0			

5-001630-L0

TN170-7N_7

TUB-test chart TN17; maximum C_{AB}, Y_m=520_770
XYZ, x_{yz}, h data for illuminant P00, Y_{w,10}=100



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

TUB registration: 20130201-TN17/TN17L0NP.PDF /.PS
application for measurement of display output

TUB material: code=rha4ta

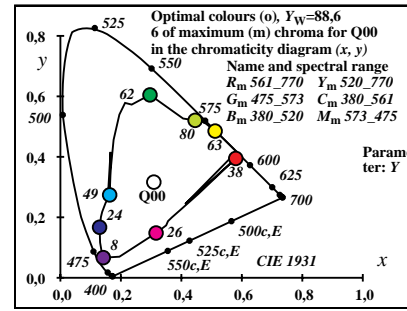
CIE data for all optimal colours of maximum (m) C_{AB} , Q_{00} and $Y_{w,10}=88,6$, $Y_m=520_770$

i_1, λ_1	i_2, λ_2	$X_{88,6}$	$Y_{88,6}$	$Z_{88,6}$	x	y	z	h_{xy}	i_d, λ_d	i_c, λ_c	Code
1	405 31 556	29.63	49.88	102.39	0.1628	0.2742	0.5628	196.1	15 475	37 587	Cm
7	435 31 558	23.53	50.34	67.82	0.166	0.3553	0.4786	164.7	16 482	-1 482c	
10	450 32 560	19.56	50.73	40.9	0.1759	0.4562	0.3678	133.5	18 493	-1 493c	
12	460 32 563	18.74	51.88	25.5	0.195	0.5396	0.2652	117.0	21 506	-1 506c	
13	465 33 566	19.76	53.44	19.2	0.2138	0.5783	0.2077	109.9	23 515	-1 515c	
13	470 34 572	23.64	57.44	19.2	0.2357	0.5727	0.1914	105.9	24 520	-1 520c	
15	475 36 583	30.52	62.39	10.2	0.296	0.605	0.0989	92.5	27 536	-1 536c	Gm
15	480 45 629	61.34	79.6	10.2	0.4058	0.5266	0.0674	65.2	31 556	2 413	
17	485 -1 485c	68.63	80.21	5.23	0.4454	0.5206	0.0339	56.2	32 561	11 455	max
17	490 -1 489c	68.63	80.21	5.23	0.4454	0.5206	0.0339	56.2	32 561	11 455	
18	495 -1 494c	68.58	78.66	3.71	0.4543	0.521	0.0246	54.6	32 562	11 458	
19	500 -1 499c	68.57	76.87	2.62	0.463	0.5191	0.0177	52.7	32 563	12 460	
21	510 -1 509c	68.42	72.48	1.28	0.4812	0.5097	0.009	48.2	33 566	12 464	
24	520 -1 520c	67.23	63.73	0.39	0.5118	0.4851	0.0029	39.7	34 570	13 468	Ym
26	530 -1 530c	65.35	56.8	0.14	0.5343	0.4644	0.0011	33.2	34 574	14 471	
27	540 -1 539c	64.02	53.11	0.07	0.5462	0.4531	0.0006	29.9	35 576	14 472	
29	545 -1 545c	60.52	45.54	0.01	0.5705	0.4293	0.0001	23.3	36 581	14 474	
30	550 -1 550c	58.34	41.75	0.0	0.5828	0.4171	0.0	20.1	36 583	15 475	
30	555 -1 554c	58.34	41.75	0.0	0.5828	0.4171	0.0	20.1	36 583	15 475	
31	560 9 447	67.0	39.61	55.74	0.4126	0.2439	0.3433	325.1	-1 488c	17 488	
31	556 1 405	68.01	50.11	16.03	0.5069	0.3735	0.1194	16.0	37 587	15 475	Rm
31	558 7 435	74.11	49.65	50.6	0.425	0.2847	0.2902	344.7	-1 482c	16 482	
32	560 10 450	78.08	49.26	77.51	0.3811	0.2404	0.3783	313.6	-1 493c	18 493	
32	563 12 460	78.9	48.11	92.92	0.3587	0.2187	0.4224	297.0	-1 506c	21 506	
33	566 13 465	77.88	46.55	99.22	0.3482	0.2081	0.4436	289.9	-1 515c	23 515	
34	572 13 470	74.0	42.55	99.22	0.3429	0.1972	0.4598	285.9	-1 520c	24 520	
36	583 15 475	67.12	37.6	108.22	0.3151	0.1766	0.5081	272.6	-1 536c	27 536	Mm
45	629 15 480	36.3	20.39	108.22	0.2201	0.1236	0.6561	245.2	2 413	31 556	
-1	485c 17 485	29.01	19.78	113.19	0.1791	0.1221	0.6987	236.2	11 455	32 561	
-1	489c 17 490	29.01	19.78	113.19	0.1791	0.1221	0.6987	236.2	11 455	32 561	min
-1	494c 18 495	29.06	21.33	114.7	0.176	0.1292	0.6947	234.6	11 458	32 562	
-1	499c 19 500	29.07	23.12	115.79	0.173	0.1376	0.6892	232.7	12 460	32 563	
-1	509c 21 510	29.22	27.51	117.13	0.168	0.1582	0.6736	228.3	12 464	33 566	
-1	520c 24 520	30.41	36.26	118.03	0.1646	0.1963	0.639	219.7	13 468	34 570	Bm
-1	530c 26 530	32.29	43.19	118.28	0.1666	0.2229	0.6104	213.3	14 471	34 574	
-1	539c 27 540	33.62	46.88	118.34	0.1691	0.2357	0.5951	209.9	14 472	35 576	
-1	545c 29 545	37.12	54.45	118.41	0.1767	0.2593	0.5639	203.3	14 474	36 581	
-1	550c 30 550	39.3	58.24	118.42	0.1819	0.2697	0.5483	200.2	15 475	36 583	
-1	554c 30 555	39.3	58.24	118.42	0.1819	0.2697	0.5483	200.2	15 475	36 583	
9	447 31 560	30.64	60.38	62.67	0.1993	0.3928	0.4077	145.0	17 488	-1 488c	
380	770	86.5	88.59	104.91	0.3089	0.3163	0.3746	0.0			

5-001730-L0

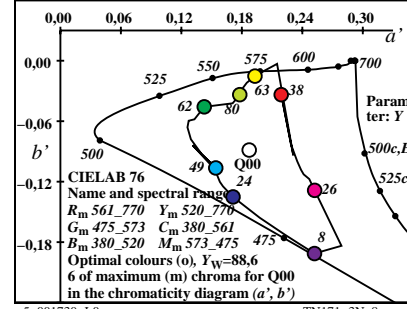
TN170-7N_8

TUB-test chart TN17; maximum C_{AB} , $Y_m=520_770$
 XYZ, xy_z , h data for illuminant Q00, $Y_{w,10}=100$



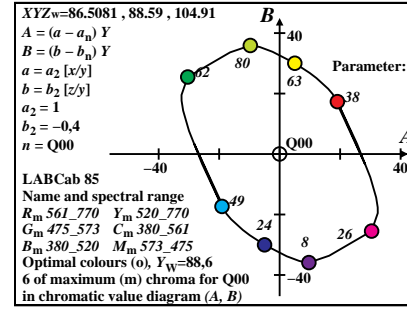
5-001730-L0

TN171-1N_8



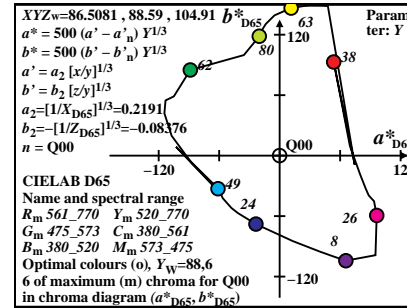
5-001730-L0

TN171-3N_8



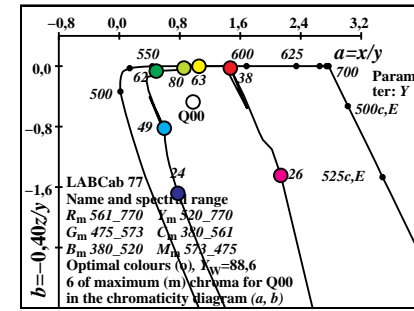
5-001730-L0

TN171-5N_8



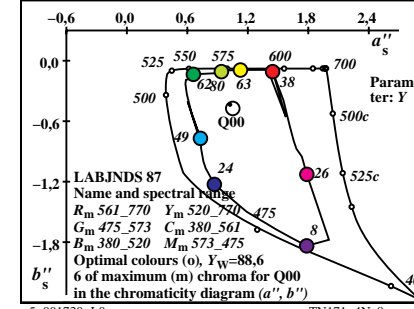
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TN171-7N_8



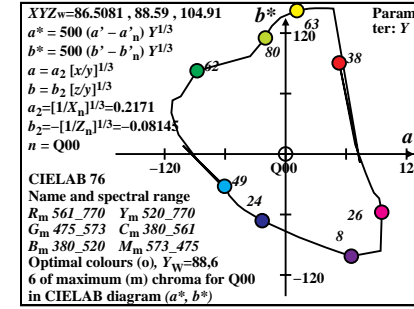
5-001730-L0

TN171-2N_8



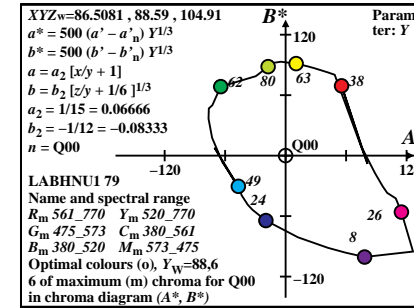
5-001730-L0

TN171-4N_8



5-001730-L0

TN171-6N_8



5-001730-L0

TN171-8N_8

TUB registration: 20130201-TN17/TN17L0NP.PDF /.PS
 application for measurement of display output

TUB material: code=rh4ta

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