

http://130.149.60.45/~farbmeterik/TN12/TN12L0NP.PDF /.PS; start output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/8

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Code	X ₁	Y ₁	Z ₁	X _m	Y _m	Z _m	X _m	TN	TP
D65	95.04	100.0	108.89	0.3127	0.329				
380.0	0.0032	0.0	0.0152	0.1731	0.0049			-0.0032507	0.0032493
385.0	0.0055	0.0001	0.0261	0.1734	0.0049			-0.0176858	0.0176839
390.0	0.0109	0.0003	0.0518	0.1735	0.0049			-0.0001087	0.0001087
395.0	0.0248	0.0007	0.1177	0.1734	0.0049			0.000385	0.000385
400.0	0.056	0.0015	0.2658	0.1732	0.0047			-0.0026996	0.0026991
405.0	0.0955	0.0026	0.4541	0.1729	0.0047			-0.0135145	0.0135154
410.0	0.1883	0.0052	0.8979	0.1725	0.0047			-0.0535545	0.0535583
415.0	0.3397	0.0095	1.6251	0.172	0.0048			-0.261215	0.261215
420.0	0.5939	0.0176	2.8532	0.1714	0.0051			-1.29668	1.29666
425.0	0.9157	0.0311	4.4301	0.1703	0.0057			-3.50909	3.50916
430.0	1.1647	0.0475	5.6845	0.1698	0.0059			-6.20813	6.20795
435.0	1.4891	0.0763	7.3573	0.1668	0.0085			-16.0966	16.0967
440.0	1.7288	0.1141	8.6722	0.1644	0.0108			-26.8893	26.8893
445.0	1.8267	0.1563	9.3545	0.1611	0.0137			-41.0428	41.0428
450.0	1.8613	0.2103	9.8109	0.1566	0.0177			-53.9259	53.9263
455.0	1.7704	0.2666	9.6889	0.1509	0.0227			-65.766	65.766
460.0	1.6209	0.3344	9.3044	0.1439	0.0297			-74.1418	74.1416
465.0	1.3818	0.4066	8.4094	0.1355	0.0398			-85.6812	85.6812
470.0	1.0623	0.4946	7.0006	0.1241	0.0578			-86.7567	86.7566
475.0	0.7759	0.6148	5.6894	0.1095	0.0868			-84.9591	84.959
480.0	0.5245	0.7623	4.4587	0.0912	0.1326			-76.3829	76.3829
485.0	0.3082	0.9004	3.2773	0.0687	0.2007			-64.3102	64.3101
490.0	0.1647	1.0708	2.395	0.0453	0.2949			-57.5164	57.5164
495.0	0.0757	1.335	1.4301	0.0234	0.4059			-53.5621	53.5621
500.0	0.0253	1.672	1.408	0.0081	0.5384			-52.113	52.113
505.0	0.0123	2.093	1.0909	0.0038	0.6548			-54.3516	54.3516
510.0	0.0474	2.5658	0.8069	0.0138	0.7501			-56.7855	56.7855
515.0	0.1463	3.0592	0.5618	0.0388	0.8119			-55.8222	55.8222
520.0	0.3137	3.5209	0.388	0.0743	0.8337			-56.6845	56.6845
525.0	0.5507	3.986	0.2876	0.1141	0.8261			-64.4575	64.4575
530.0	0.8434	4.3929	0.2148	0.1547	0.8058			-69.7964	69.7965
535.0	1.132	4.5889	0.1496	0.1928	0.7816			-74.5452	74.5454
540.0	1.4346	4.7128	0.1002	0.2296	0.7543			-81.6327	81.6328
545.0	1.7735	4.8335	0.066	0.2657	0.7243			-90.7184	90.7184
550.0	2.1328	4.8965	0.043	0.3015	0.6923			-99.5221	99.5219
555.0	2.4716	4.8265	0.0277	0.3373	0.6588			-106.01	106.001
560.0	2.8131	4.7082	0.0184	0.373	0.6244			-111.629	111.629
565.0	3.1523	4.5473	0.0127	0.4087	0.5895			-115.089	115.089
570.0	3.4727	4.3681	0.0095	0.4481	0.5547			-117.616	117.616
575.0	3.8311	4.1626	0.0081	0.4787	0.5201			-118.539	118.539
580.0	4.1537	3.9438	0.0074	0.5124	0.4865			-111.141	111.141
585.0	4.2694	3.5613	0.0061	0.5447	0.4544			-96.4881	96.4881
590.0	4.3075	3.1772	0.0046	0.5751	0.4242			-83.6507	83.6507
595.0	4.4651	2.9363	0.0042	0.6029	0.3964			-69.7722	69.7722
600.0	4.5236	2.6872	0.0034	0.6297	0.3724			-56.7532	56.7532
605.0	4.443	2.4084	0.0025	0.6482	0.3513			-41.3997	41.3996
610.0	4.2508	2.1326	0.0014	0.6657	0.334			-28.6675	28.6676
615.0	3.9342	1.8497	0.001	0.68	0.3197			-18.3892	18.3892
620.0	3.5456	1.5811	0.0007	0.6914	0.3083			-10.9587	10.9589
625.0	3.04	1.2986	0.0004	0.7005	0.2992			-6.14214	6.14212
630.0	2.5321	1.0445	0.0001	0.7078	0.292			-3.55974	3.55974
635.0	2.1411	0.8573	0.0001	0.714	0.2859			-2.01095	2.01095
640.0	1.7739	0.6931	0.0	0.719	0.2809			-1.03509	1.03509
645.0	1.3982	0.5355	0.0	0.7229	0.2769			-0.457222	0.457222
650.0	1.0731	0.405	0.0	0.7259	0.2739			-0.208816	0.20882
655.0	0.8289	0.3092	0.0	0.7282	0.2717			-0.090168	0.0901737
660.0	0.6257	0.2314	0.0	0.7298	0.2699			-0.0333089	0.0333127
665.0	0.4656	0.1712	0.0	0.7313	0.2688			-0.0145759	0.0145759
670.0	0.3403	0.1246	0.0	0.7318	0.2679			-0.0060586	0.0060586
675.0	0.2416	0.0881	0.0	0.7324	0.2672			-0.0029615	0.0029615
680.0	0.1732	0.0629	0.0	0.7331	0.2664			-0.0012725	0.0012726
685.0	0.1152	0.0417	0.0	0.7335	0.2657			-0.0002987	0.0002987
690.0	0.0748	0.027	0.0	0.7336	0.2652			-0.0806748	0.0806748
695.0	0.0529	0.0191	0.0	0.7335	0.265			-0.0232011	0.0232011
700.0	0.0384	0.0138	0.0	0.7333	0.2647			-0.0039674	0.0039674
705.0	0.028	0.0101	0.0	0.7327	0.2646			-0.000596	0.000596
710.0	0.0203	0.0073	0.0	0.732	0.2643			-0.000271	0.000271
715.0	0.0132	0.0047	0.0	0.7306	0.2638			-3.7e-05	3.7e-05
720.0	0.0084	0.003	0.0	0.7283	0.263			-2.11e-05	2.11e-05
725.0	0.0063	0.0023	0.0	0.7262	0.2623			-6.7e-05	6.7e-05
730.0	0.0047	0.0017	0.0	0.7235	0.2612			-2.21e-05	2.21e-05
735.0	0.0034	0.0012	0.0	0.7192	0.2597			-1.32e-05	1.32e-05
740.0	0.0024	0.0008	0.0	0.7133	0.2575			-5.7e-06	5.7e-06
745.0	0.0015	0.0005	0.0	0.7016	0.2533			-1.2e-06	1.2e-06
750.0	0.001	0.0003	0.0	0.6844	0.2471			-1.3e-06	1.3e-06
755.0	0.0006	0.0002	0.0	0.6558	0.2368			-1.7e-06	1.7e-06
760.0	0.0003	0.0001	0.0	0.6116	0.2207			-9e-07	9e-07
765.0	0.0003	0.0001	0.0	0.5955	0.215			-2e-07	2e-07
770.0	0.0002	0.0	0.0	0.574	0.2073			0.0	0.0
775.0	0.0001	0.0	0.0	0.5224	0.1886			0.0	0.0

TN120-7N1/16

TUB-test chart TN12; Continuous hue data for 2°?
D65-CIEXYZ data; without/with purple data for Illuminant Eoutput: no change compared

Code	X ₁	Y ₁	Z ₁	x ₁	y ₁	Code	X _m	Y _m	Z _m	x _m	TN	TP	
D65	95.04	100.0	108.89	0.3127	0.329								
380.0	0.0032	0.0	0.0152	0.1731	0.0049	382.5	0.0043	0.0001	0.0206	0.1733	0.0049	-0.0032507	0.0032493
385.0	0.0055	0.0001	0.0261	0.1734	0.0049	387.5	0.0082	0.0002	0.0389	0.1735	0.0049	-0.0176858	0.0176839
390.0	0.0109	0.0003	0.0518	0.1735	0.0049	392.5	0.0179	0.0005	0.0847	0.1734	0.0049	-0.0001087	0.0001087
395.0	0.0248	0.0007	0.1177	0.1734	0.0049	397.5	0.0404	0.0011	0.1917	0.1733	0.0048	0.000385	0.000385
400.0	0.056	0.0015	0.2658	0.1732	0.0047	402.5	0.0758	0.002	0.36	0.173	0.0047	-0.0026996	0.0026991
405.0	0.0955	0.0026	0.4541	0.1729	0.0047	407.5	0.1419	0.0039	0.676	0.1727	0.0047	-0.0135145	0.0135154
410.0	0.1883	0.0052	0.8979	0.1725	0.0047	412.5	0.264	0.0073	1.2615	0.1722	0.0048	-0.0535545	0.0535583
415.0	0.3397	0.0095	1.6251	0.172	0.0048	417.5	0.4668	0.0136	2.2392	0.1716	0.005	-0.261215	0.261215
420.0	0.5939	0.0176	2.8532	0.1714	0.0051	422.5	0.7548	0.0244	3.6417	0.1707	0.0055	-1.29668	1.29666
425.0	0.9157	0.0311	4.4301	0.1703	0.0057	427.5	1.0402	0.0393	5.0573	0.1695	0.0064	-3.50909	3.50916
430.0	1.1647	0.0475	5.6845	0.1688	0.0069	432.5	1.3269	0.0619	6.5209	0.1677	0.0078	-6.20813	6.20795
435.0	1.4891	0.0763	7.3573	0.1668	0.0085	437.5	1.689	0.0952	8.0147	0.1655	0.0098	-16.0966	16.0967
440.0	1.7288	0.1141	8.6722	0.1644	0.0108	442.5	1.7778	0.1352	9.133	0.1627	0.0123	-26.8893	26.8893
445.0	1.8267	0.1563	9.3545	0.1611	0.0137	447.5	1.844	0.183	9.5827	0.1588	0.0157	-41.0428	41.0428
450.0	1.8613	0.2103	9.8109	0.1566	0.0177	452.5	1.8158	0.2385	9.7499	0.1538	0.0202	-53.9259	53.9263
455.0	1.7704	0.2666	9.6889	0.1509	0.0227	457.5	1.6957	0.3005	9.4966	0.1475	0.0261	-65.766	65.766
460.0	1.6209	0.3344	9.3044	0.1439	0.0297	462.5	1.5014	0.3705	8.8569	0.1399	0.0345	-74.1418	74.1416
465.0	1.3818	0.4066	8.4094	0.1355	0.0398	467.5	1.2221	0.4506	7.705	0.1303	0.048	-85.6812	85.6812
470.0	1.0623	0.4946	7.0006	0.1241	0.0578	472.5	0.9191	0.5547	6.345	0.1175	0.0709	-86.7567	86.7566
475.0	0.7759	0.6148	5.6894	0.1095	0.0868	477.5	0.6502	0.6885	5.074	0.1013	0.1073	-84.9591	84.959
480.0	0.5245	0.7623	4.4587	0.0912	0.1326	482.5	0.4163	0.8313	3.868	0.0813	0.1625	-76.3829	76.3829
485.0	0.3082	0.9004	3.2773	0.0687	0.2007	487.5	0.2365	0.9856	2.8361	0.0582	0.2428	-64.3102	64.3101
490.0	0.1647	1.0708	2.395	0.0453	0.2949	492.5	0.1203	1.2029	2.1094	0.035	0.3504	-57.5164	57.5164
495.0	0.0757	1.335	1.8239	0.0234	0.4126	497.5	0.0506	1.5035	1.6159	0.0159	0.4742	-53.5621	53.5621
500.0	0.0253	1.672	1.408	0.0081	0.5384	502.5	0.0188	1.8825	1.2495	0.0059	0.5474	-52.113	52.113
505.0	0.0123	2.093	1.0909	0.0038	0.6548	507.5	0.0298	2.3297	0.809	0.0038	0.5732	-54.3516	54.3516
510.0	0.0474	2.5658	0.8069	0.0138	0.7501	512.5	0.0969	2.8125	0.6844	0.0269	0.7825	-56.7855	56.7855
515.0	0.1463	3.0592	0.5618	0.0388	0.8119	517.5	0.23	3.29	0.4749	0.0575	0.8235	-55.8222	55.8222
520.0	0.3137	3.5209	0.388	0.0743	0.8337	522.5	0.4322	3.7534	0.3378	0.0955	0.8297	-56.6845	56.6845
525.0	0.5507	3.986	0.2876	0.1141	0.8261	527.5	0.6971	4.1895	0.2512	0.1356	0.8153	-64.4575	64.4575
530.0	0.8434	4.3929	0.2148	0.1547	0.8058	532.5	0.9877	4.4909	0.1822	0.1744	0.7933	-69.7964	69.7965
535.0	1.132	4.5889	0.1496	0.1928	0.7816	537.5	1.2383	4.6509	0.1249	0.2117	0.7675	-74.5452	74.5454
540.0	1.4346	4.7128	0.1002	0.2296	0.7543	542.5	1.504	4.7731	0.0831	0.2482	0.7388	-81.6327	81.6328
545.0	1.7735	4.8335	0.066	0.2657	0.7243	547.5	1.9532	4.865	0.0545	0.2841	0.7078	-90.7184	90.7184
550.0	2.1328	4.8965	0.043	0.3015	0.6923	552.5	2.3022	4.8615	0.0354	0.3197	0.6742	-99.5221	99.5219
555.0	2.4716	4.8265	0.0277	0.3373	0.6588	557.5	2.6424	4.7614	0.0231	0.3554	0.6413	-106.0	106.001
560.0	2.8131	4.7082	0.0184	0.373	0.6244	562.5	2.9827	4.6277	0.0156	0.3911	0.6068	-111.629	111.629
565.0	3.1523	4.5473	0.0127	0.4087	0.5895	567.5	3.3125	4.4427	0.0111	0.4265	0.572	-115.089	115.089
570.0	3.4727	4.381	0.0095	0.444	0.557	572.5	3.6519	4.2507	0.0086	0.4616	0.5372	-118.616	118.616
575.0	3.8311	4.1626	0.0081	0.4787	0.5201	577.5	3.9924	4.0532	0.0078	0.4945	0.5032	-118.539	118.539
580.0	4.1537	3.9438	0.0074	0.5124	0.4865	582.5	4.2116	3.7526	0.0067	0.5283	0.4707	-111.141	111.141
585.0	4.2694	3.5613	0.0061	0.5447	0.4544	587.5	4.2885	3.3693	0.0053	0.5596	0.4396	-96.4881	96.4881
590.0	4.3075	3.1772	0.0046	0.5751	0.4242	592.5	4.3863	3.0568	0.0044	0.5889	0.4104	-83.6509	83.6507
595.0	4.4651	2.9363	0.0042	0.6029	0.3964	597.5	4.4944	2.8118	0.0038	0.6148	0.3846	-69.7721	69.7722
600.0	4.5236	2.6872	0.0034	0.627	0.3724	602.5	4.4833	2.5378	0.0029	0.6373	0.3622	-56.7533	56.7532
605.0	4.443	2.4084	0.0025	0.6482	0.3513	607.5	4.3469	2.2705	0.0019	0.6566	0.343	-41.3997	41.3996
610.0	4.2508	2.1326	0.0014	0.6657	0.334	612.5	4.0925	1.9911	0.0012	0.6725	0.3272	-28.6675	28.6676
615.0	3.9342	1.8497	0.001	0.68	0.3197	617.5	3.7399	1.7154	0.0008	0.6854	0.3143	-18.3892	18.3892
620.0	3.5456	1.5811	0.0007	0.6914	0.3083	622.5	3.2928	1.4399	0.0005	0.6956	0.3041	-10.9587	10.9589
625.0	3.04	1.2986	0.0004	0.7005	0.2992	627.5	2.7616	1.1716	0.0003	0.7038	0.296	-6.14214	6.14214
630.0	2.5321	1.0445	0.0002	0.7078	0.291	632.5	2.3367	0.9501	0.0001	0.7086	0.2893	-3.55974	3.55974
635.0	2.1411	0.8573	0.0001	0.714	0.2859	637.5	1.9575	0.7752	0.0	0.7102	0.2836	0.01095	0.01095
640.0	1.7739	0.6931	0	0.719	0.2809	642.5	1.5861	0.6143	0	0.7207	0.2791	-1.03509	1.03509
645.0	1.3982	0.5355	0	0.7229	0.2769	647.5	1.2357	0.4703	0	0.7242	0.2756	-0.457225	0.457222
650.0	1.0731	0.405	0	0.7259	0.2739	652.5	0.951	0.3571	0	0.7269	0.2729	-0.208816	0.20882
655.0	0.8289	0.3092	0	0.7282	0.2717	657.5	0.7273	0.2703	0	0.7289	0.2709	-0.090168	0.0901737
660.0	0.6257	0.2314	0	0.7298	0.2699	662.5	0.5457	0.2013	0	0.7303	0.2695	-0.0333089	0.0333127
665.0	0.4656	0.1712	0	0.7309	0.2688	667.5	0.403	0.1479	0	0.7313	0.2684	-0.0145759	0.0145759
670.0	0.3403	0.1246	0	0.7318	0.2679	672.5	0.291	0.1063	0	0.7321	0.2676	-0.0060591	0.0060588
675.0	0.2416	0.0881	0	0.7324	0.2672	677.5	0.2074	0.0755	0	0.7327	0.2668	-0.0029615	0.0029617
680.0	0.1732	0.0629	0	0.7331	0.2664	682.5	0.1442	0.0523	0	0.7332	0.2661	-0.0012726	0.0012726
685.0	0.1152	0.0417	0	0.7335	0.2657	687.5	0.095	0.0344	0	0.7336	0.2656	-0.0002987	0.0002987
690.0	0.0748	0.027	0	0.7336	0.2653	692.5	0.0639	0.0231	0	0.7336	0.2652	-0.0006748	0.0006748
695.0	0.0523	0.0195	0	0.7335	0.2657	697.5	0.0457	0.0165	0	0.7335	0.2653	-0.0003921	0.0003921
700.0	0.0384	0.0138	0	0.7333	0.2647	702.5	0.0462	0.01016	0.0002	0.7044	0.2514	-0.0007813	0.0007813
-495.0	0.0539	0.091	0.0055	0.6852	0.2426	-497.5	0.0543	0.0186	0.0147	0.1618	0.2118	-0.0362387	0.0362387
-500.0	0.0547	0.1081	0.0239	0.5648	0.1868	-502.5	0.055	0.0177	0.0298	0.5356	0.1731	-0.0230662	0.0230662
-505.0	0.0553	0.1174	0.0356	0.5095	0.1608	-507.5	0.0554	0.0172	0.0398	0.4925	0.1529	-0.0164704	0.0164703
-510.0	0.0556	0.0169	0.044	0.4766	0.1455	-512.5	0.0557	0.0168	0.0471	0.4653	0.1403	-0.0124723	0.0124722
-515.0	0.0559	0.0166	0.0503	0.4545	0.1353	-517.5	0.056	0.0165	0.0527	0.4467	0.1316	-0.0095764	0.0095764
-520.0	0.0561	0.0163	0.0552	0.4392	0.128	-522.5	0.0562	0.0162	0.0573	0.4328	0.1252	-0.0082788	0.0082788
-525.0	0.0563	0.0161	0.0594	0.4267	0.1225	-527.5	0.0564	0.016	0.0615	0.4207	0.1197	-0.0083872	0.0083873
-530.0	0.0565	0.0159	0.0636	0.4149	0.117	-532.5	0.0566	0.0158	0.066	0.4087	0.114	-0.0092711	0.0092711
-535.0	0.0567	0.0156	0.0683	0.4027	0.1111	-537.5	0.0568	0.0155	0.0711	0.3958	0.108	-0.0109319	0.0109319
-540.0	0.0569	0.0153	0.0739	0.3892	0.105	-542.5	0.0571	0.0151	0.0773	0.3812	0.1014	-0.0137641	0.0137641
-545.0	0.0572	0.015	0.0808	0.3736	0.09978	-547.5	0.0574	0.0147	0.0856	0.3638	0.0933	-0.0186968	0.0186967
-550.0	0.0573	0.0148	0.0843	0.3546	0.093	-552.5	0.0579	0.014	0.0974	0.348	0.0872	-0.0237921	0.0237921
-555.0	0.0582	0.0136	0.1045	0.33	0.0774	-557.5	0.0588	0.013					

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

Code	X ₁	Y ₁	Z ₁	x ₁	y ₁	Code	X _m	Y _m	Z _m	x _m	TN	TP		
D50	96.42	100.0	82.49	0.3457	0.3585									
380.0	0.0015	0.0	0.0075	0.1722	0.0049	382.5	0.0022	0.0	0.0105	0.1727	0.0049	-0.0008465	0.0008463	+
385.0	0.0028	0.0	0.0136	0.1729	0.0049	387.5	0.0044	0.0001	0.021	0.1731	0.0049	-0.0049965	0.0049974	+
390.0	0.006	0.0001	0.0285	0.1733	0.0049	392.5	0.0102	0.0002	0.0483	0.1733	0.0049	-0.0348445	0.0348314	+
395.0	0.0144	0.0004	0.0682	0.1733	0.0049	397.5	0.024	0.0006	0.1137	0.1732	0.0048	-0.0001281	0.0001281	+
400.0	0.0335	0.0009	0.1592	0.1732	0.0047	402.5	0.0459	0.0012	0.2183	0.173	0.0047	-0.0009851	0.0009849	+
405.0	0.0583	0.0016	0.2774	0.1729	0.0047	407.5	0.0877	0.0024	0.4176	0.1726	0.0047	-0.0051507	0.0051503	+
410.0	0.117	0.0032	0.5577	0.1725	0.0047	412.5	0.1662	0.0046	0.7941	0.1722	0.0048	-0.0211937	0.0211963	+
415.0	0.2154	0.006	1.0304	0.172	0.0048	417.5	0.2996	0.0087	1.4371	0.1716	0.005	-0.109283	0.109283	+
420.0	0.3838	0.0114	1.8438	0.1714	0.0051	422.5	0.493	0.0159	2.3786	0.1707	0.0055	-0.567001	0.567001	+
425.0	0.6022	0.0204	2.9133	0.1703	0.0057	427.5	0.6916	0.0261	3.3628	0.1694	0.0064	-1.60063	1.60054	+
430.0	0.781	0.0319	3.8122	0.1688	0.0069	432.5	0.9089	0.0425	4.4672	0.1677	0.0078	-3.97046	3.97043	+
435.0	1.0367	0.0531	5.1221	0.1668	0.0085	437.5	1.1384	0.0675	5.6714	0.1655	0.0098	-8.35034	8.35034	+
440.0	1.2401	0.0818	6.2206	0.1644	0.0108	442.5	1.2911	0.0983	6.5469	0.1626	0.0123	-14.7062	14.7062	+
445.0	1.3421	0.1148	6.8731	0.1611	0.0137	447.5	1.3688	0.1363	7.1144	0.1588	0.0158	-23.4517	23.4518	+
450.0	1.3955	0.1577	7.3556	0.1566	0.0177	452.5	1.372	0.1804	7.3681	0.1538	0.0202	-31.9591	31.9592	+
455.0	1.3486	0.2031	7.3805	0.1509	0.0227	457.5	1.3013	0.2309	7.2896	0.1475	0.0261	-40.3121	40.3121	+
460.0	1.2541	0.2587	7.1987	0.1439	0.0297	462.5	1.1709	0.2894	6.909	0.1399	0.0345	-47.1427	47.143	+
465.0	1.0876	0.3201	6.6192	0.1355	0.0398	467.5	0.9689	0.3579	6.1106	0.1302	0.0481	-56.6284	56.6284	+
470.0	0.8501	0.3958	5.602	0.1241	0.0578	472.5	0.7402	0.4476	5.1121	0.1174	0.071	-59.3821	59.3821	+
475.0	0.6304	0.4995	4.6223	0.1095	0.0868	477.5	0.5316	0.5643	4.1513	0.1013	0.1075	-60.0928	60.0928	+
480.0	0.4329	0.6292	3.6803	0.0912	0.1326	482.5	0.3454	0.6913	3.2114	0.0813	0.1627	-55.6451	55.6451	+
485.0	0.2579	0.7535	2.7425	0.0687	0.2007	487.5	0.199	0.8322	2.3898	0.0581	0.2432	-48.1473	48.1473	+
490.0	0.1401	0.9108	2.0372	0.0453	0.2949	492.5	0.1029	1.0327	1.8073	0.0349	0.3509	-44.2928	44.2928	+
495.0	0.0656	1.1546	1.5774	0.0234	0.4126	497.5	0.0439	1.313	1.4082	0.0159	0.4748	-42.3137	42.3137	+
500.0	0.0223	1.4714	1.239	0.0081	0.5384	502.5	0.0166	1.6682	1.1056	0.0059	0.5978	-41.8077	41.8077	+
505.0	0.0019	1.8651	0.9721	0.0038	0.6548	507.5	0.0028	1.9498	0.8498	0.0019	0.6938	-43.5571	43.5571	+
510.0	0.0427	2.3129	0.7274	0.0138	0.7501	512.5	0.0884	2.5577	0.621	0.027	0.7828	-44.9655	44.9655	+
515.0	0.134	2.8024	0.5146	0.0388	0.8119	517.5	0.2132	3.042	0.4381	0.0577	0.8236	-43.1186	43.1186	+
520.0	0.2924	3.2816	0.3616	0.0743	0.8337	522.5	0.406	3.5211	0.3165	0.0956	0.8297	-42.1776	42.1776	+
525.0	0.5196	3.7606	0.2714	0.1141	0.8261	527.5	0.6619	3.975	0.2381	0.1357	0.8153	-47.0559	47.0559	+
530.0	0.8043	4.1893	0.2049	0.1547	0.8058	532.5	0.9468	4.3027	0.1744	0.1745	0.7932	-50.9056	50.9056	+
535.0	1.0894	4.416	0.144	0.1928	0.7816	537.5	1.2414	4.4967	0.1207	0.2118	0.7674	-54.4373	54.4374	+
540.0	1.3933	4.5774	0.0974	0.2296	0.7543	542.5	1.5656	4.6569	0.081	0.2483	0.7387	-59.917	59.917	+
545.0	1.7379	4.7363	0.0647	0.2657	0.7243	547.5	1.9241	4.7908	0.0536	0.2842	0.7077	-67.2487	67.2484	+
550.0	2.1104	4.8452	0.0426	0.3015	0.6923	552.5	2.2887	4.8312	0.0351	0.3198	0.6752	-74.7662	74.7661	+
555.0	2.4669	4.8172	0.0276	0.3373	0.6588	557.5	2.6484	4.7767	0.0231	0.3555	0.6431	-80.7445	80.7445	+
560.0	2.8298	4.7363	0.0185	0.373	0.6244	562.5	3.0118	4.6716	0.0157	0.3911	0.6067	-86.2128	86.2127	+
565.0	3.1937	4.607	0.0129	0.4087	0.5895	567.5	3.369	4.5172	0.0113	0.4265	0.5719	-90.1282	90.1282	+
570.0	3.5442	4.4274	0.0097	0.4474	0.5546	572.5	3.7423	4.3535	0.009	0.4613	0.5323	-93.5286	93.5286	+
575.0	3.9422	4.2833	0.0084	0.4787	0.5201	577.5	4.1279	4.1895	0.008	0.4958	0.5032	-95.9137	95.9137	+
580.0	4.3137	4.0957	0.0077	0.5124	0.4865	582.5	4.3974	3.9168	0.007	0.5284	0.4706	-91.7289	91.729	+
585.0	4.6812	3.738	0.0064	0.5447	0.4544	587.5	4.5245	3.5356	0.0056	0.5596	0.4395	-81.3112	81.3114	+
590.0	5.0577	3.3691	0.0048	0.5751	0.4242	592.5	4.6882	3.2657	0.0047	0.589	0.4103	-72.3404	72.3404	+
595.0	5.4407	3.1622	0.0045	0.6029	0.3964	597.5	4.8743	3.0484	0.0041	0.6149	0.3845	-62.129	62.129	+
600.0	5.8205	2.9345	0.0037	0.627	0.3724	602.5	4.9212	2.796	0.0032	0.6374	0.3621	-51.7766	51.7763	+
605.0	6.1973	2.6575	0.0028	0.6482	0.3513	607.5	4.8208	2.5175	0.0022	0.6565	0.3429	-38.5472	38.5472	+
610.0	6.5739	2.3775	0.0016	0.6657	0.334	612.5	4.5851	2.2304	0.0013	0.6725	0.3271	-27.2587	27.2586	+
615.0	6.9431	2.0833	0.0011	0.68	0.3197	617.5	4.2287	1.9394	0.001	0.6854	0.3143	-17.8139	17.8137	+
620.0	7.3137	1.7954	0.0008	0.6914	0.3083	622.5	3.755	1.6418	0.0006	0.6956	0.3041	-10.7953	10.7953	+
625.0	7.6837	1.4882	0.0004	0.7005	0.2992	627.5	3.205	1.3477	0.0003	0.7039	0.2959	-6.15875	6.15876	+
630.0	8.0559	1.2071	0.0002	0.7079	0.292	632.5	2.7017	1.1007	0.0002	0.7037	0.286	-3.65229	3.6523	+
635.0	8.4274	1.005	0.0001	0.714	0.2859	637.5	2.3092	0.9144	0.0001	0.7162	0.2833	-2.12324	2.12324	+
640.0	8.8007	0.8238	0.0	0.719	0.2809	642.5	1.8898	0.7319	0.0	0.7207	0.2791	-1.11355	1.11355	+
645.0	9.1741	0.6537	0.0	0.723	0.2769	647.5	1.4812	0.5637	0.0	0.7242	0.2756	-0.49773	0.49773	+
650.0	9.5482	0.4874	0.0	0.7259	0.2739	652.5	1.1501	0.4319	0.0	0.7269	0.2729	-0.231682	0.231674	+
655.0	9.9233	0.3763	0.0	0.7282	0.2717	657.5	0.8897	0.3307	0.0	0.7289	0.2709	-0.102402	0.102402	+
660.0	10.3007	0.2851	0.0	0.7298	0.27	662.5	0.6756	0.2493	0.0	0.7303	0.2695	-0.038742	0.038742	+
665.0	10.6793	0.2134	0.0	0.7309	0.2688	667.5	0.5044	0.1851	0.0	0.7313	0.2684	-0.0173273	0.0173268	+
670.0	11.0589	0.1568	0.0	0.7318	0.2679	672.5	0.3672	0.1342	0.0	0.7321	0.2676	-0.0073194	0.0073194	+
675.0	11.4395	0.1116	0.0	0.7325	0.2672	677.5	0.2633	0.0959	0.0	0.7328	0.2669	-0.0036178	0.0036178	+
680.0	11.8209	0.0801	0.0	0.7331	0.2664	682.5	0.1833	0.0665	0.0	0.7333	0.2662	-0.0015569	0.0015569	+
685.0	12.2033	0.0529	0.0	0.7337	0.2658	687.5	0.1202	0.0435	0.0	0.7337	0.2656	-0.000362	0.000362	+
690.0	12.5867	0.0341	0.0	0.7338	0.2654	692.5	0.0809	0.0292	0.0	0.7338	0.2652	-0.0001688	0.0001688	+
695.0	12.9711	0.0243	0.0	0.7337	0.2651	697.5	0.0555	0.0237	0.0	0.7337	0.265	-0.0000999	0.0000999	+
700.0	13.3564	0.0178	0.0	0.7336	0.2649	702.5	0.0355	0.0153	0.0	0.7334	0.2648	-0.0000000	0.0000000	+
705.0	13.7425	0.0128	0.0	0.7331	0.2647	707.5	0.0305	0.011	0.0	0.7329	0.2646	-0.0000789	0.0000789	+
710.0	14.1295	0.0092	0.0	0.7325	0.2645	712.5	0.0211	0.0076	0.0	0.7321	0.2644	-0.0000321	-0.000325	+
715.0	14.5171	0.0069	0.0	0.7314	0.2641	717.5	0.0136	0.0049	0.0	0.7307	0.2639	-0.0000000	-5.1e-06	+
720.0	14.9053	0.0053	0.0	0.7296	0.2635	722.5</								

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

Code	X ₁	Y ₁	Z ₁	X ₂	Y ₂	TN	TP
P40	100.93	100.0	64.68	0.3799	0.3764		
380.0	0.0021	0.0	0.0102	0.1727	0.0049		
385.0	0.0037	0.0001	0.0177	0.1732	0.0049		
390.0	0.0075	0.0002	0.0355	0.1734	0.0049		
395.0	0.0143	0.0004	0.0677	0.1733	0.0049		
400.0	0.0281	0.0007	0.1334	0.1732	0.0047		
405.0	0.0478	0.0013	0.2276	0.1729	0.0047		
410.0	0.0941	0.0026	0.4488	0.1725	0.0047		
415.0	0.1757	0.0049	0.8403	0.172	0.0048		
420.0	0.3175	0.0094	1.5255	0.1714	0.0051		
425.0	0.5289	0.0179	2.5589	0.1703	0.0057		
430.0	0.7274	0.0297	3.5504	0.1688	0.0069		
435.0	0.8744	0.0448	4.3203	0.1668	0.0085		
440.0	0.9617	0.0635	4.824	0.1644	0.0108		
445.0	0.9955	0.0852	5.0981	0.1611	0.0137		
450.0	0.9945	0.1124	5.242	0.1566	0.0177		
455.0	0.9737	0.1466	5.329	0.1509	0.0227		
460.0	0.9165	0.1891	5.2612	0.1439	0.0297		
465.0	0.8154	0.2399	4.9623	0.1355	0.0398		
470.0	0.6529	0.304	4.3028	0.1241	0.0578		
475.0	0.488	0.3867	3.5787	0.1095	0.0868		
480.0	0.3372	0.4901	2.8671	0.0912	0.1326		
485.0	0.2095	0.6123	2.2287	0.0687	0.2007		
490.0	0.1186	0.7707	1.7238	0.0453	0.2949		
495.0	0.0577	0.9808	1.3589	0.0324	0.4068		
500.0	0.019	1.2526	1.0548	0.0081	0.5383		
505.0	0.0095	1.6136	0.8411	0.0038	0.6547		
510.0	0.0376	2.034	0.6397	0.0138	0.7501		
515.0	0.1199	2.508	0.4606	0.0388	0.8119		
520.0	0.2658	2.9831	0.3287	0.0743	0.8337		
525.0	0.4688	3.393	0.2448	0.1141	0.8261		
530.0	0.7201	3.7511	0.1834	0.1547	0.8058		
535.0	0.9983	4.047	0.1319	0.1928	0.7816		
540.0	1.3048	4.2866	0.0912	0.2296	0.7543		
545.0	1.6405	4.4711	0.0611	0.2657	0.7243		
550.0	2.0051	4.6034	0.0404	0.3015	0.6923		
555.0	2.4016	4.6899	0.0269	0.3373	0.6588		
560.0	2.8245	4.7273	0.0185	0.373	0.6244		
565.0	3.2631	4.7071	0.0132	0.4087	0.5895		
570.0	3.7097	4.6337	0.0102	0.444	0.5548		
575.0	4.1464	4.5052	0.0088	0.4787	0.5201		
580.0	4.5577	4.3274	0.0082	0.5124	0.4865		
585.0	4.9168	4.1013	0.007	0.5447	0.4544		
590.0	5.2058	3.8398	0.0055	0.5751	0.4242		
595.0	5.4086	3.5567	0.0051	0.6029	0.3964		
600.0	5.4833	3.2573	0.0041	0.627	0.3724		
605.0	5.4412	2.9496	0.0031	0.6482	0.3513		
610.0	5.2572	2.6375	0.0017	0.6657	0.334		
615.0	4.9558	2.33	0.0012	0.68	0.3197		
620.0	4.5425	2.0256	0.001	0.6914	0.3083		
625.0	4.02	1.7173	0.0005	0.7005	0.2992		
630.0	3.4571	1.4261	0.0002	0.7079	0.292		
635.0	2.9322	1.1742	0.0001	0.714	0.2859		
640.0	2.4359	0.9517	0.0001	0.719	0.2809		
645.0	1.9715	0.7551	0.0	0.723	0.2769		
650.0	1.5558	0.5872	0.0	0.7259	0.2739		
655.0	1.205	0.4496	0.0	0.7282	0.2717		
660.0	0.9119	0.3373	0.0	0.7299	0.27		
665.0	0.6724	0.2473	0.0	0.731	0.2688		
670.0	0.4863	0.178	0.0	0.7318	0.2679		
675.0	0.3548	0.1294	0.0	0.7325	0.2672		
680.0	0.2616	0.095	0.0	0.7332	0.2665		
685.0	0.1844	0.0668	0.0	0.7337	0.2658		
690.0	0.1274	0.046	0.0	0.7339	0.2654		
695.0	0.089	0.0321	0.0	0.7339	0.2651		
700.0	0.0639	0.023	0.0	0.7338	0.2649		
705.0	0.0457	0.0165	0.0	0.7334	0.2647		
710.0	0.0326	0.0117	0.0	0.733	0.2647		
715.0	0.0231	0.0083	0.0	0.7323	0.2644		
720.0	0.0163	0.0059	0.0	0.7313	0.2641		
725.0	0.0115	0.0041	0.0	0.73	0.2636		
730.0	0.0081	0.0029	0.0	0.7281	0.2629		
735.0	0.0056	0.002	0.0	0.7252	0.2619		
740.0	0.0038	0.0014	0.0	0.7221	0.2603		
745.0	0.0026	0.0009	0.0	0.715	0.2582		
750.0	0.0018	0.0006	0.0	0.7069	0.2552		
755.0	0.0013	0.0004	0.0	0.6959	0.2513		
760.0	0.0009	0.0003	0.0	0.681	0.2458		
765.0	0.0006	0.0002	0.0	0.6608	0.2386		
770.0	0.0004	0.0001	0.0	0.6343	0.229		
775.0	0.0003	0.0001	0.0	0.6001	0.2166		

TN120-7N3/16

TUB-test chart TN12; Continuous hue data for 2°?
P40-CIEXYZ data; without/with purple data for Illuminant E

Code	X ₁	Y ₁	Z ₁	x ₁	y ₁	Code	X _m	Y _m	Z _m	x _m	TN	TP		
P40	100.93	100.0	64.68	0.3799	0.3764									
380.0	0.0021	0.0	0.0102	0.1727	0.0049	382.5	0.0029	0.0	0.0139	0.173	0.0049	-0.0015096	0.0015092	+
385.0	0.0037	0.0001	0.0177	0.1732	0.0049	387.5	0.0056	0.0001	0.0266	0.1733	0.0049	-0.0078771	0.0078789	+
390.0	0.0075	0.0002	0.0355	0.1734	0.0049	392.5	0.0109	0.0003	0.0516	0.1733	0.0049	-0.0432133	0.0432059	+
395.0	0.0143	0.0004	0.0677	0.1733	0.0049	397.5	0.0212	0.0005	0.106	0.1732	0.0048	-0.001009	0.001009	+
400.0	0.0281	0.0007	0.1334	0.1732	0.0047	402.5	0.038	0.001	0.1805	0.173	0.0047	-0.000674	0.0006743	+
405.0	0.0478	0.0013	0.2276	0.1729	0.0047	407.5	0.071	0.0019	0.3382	0.1726	0.0047	-0.003412	0.0034143	+
410.0	0.0941	0.0026	0.4488	0.1725	0.0047	412.5	0.1349	0.0037	0.6446	0.1722	0.0048	-0.0139822	0.0139856	+
415.0	0.1757	0.0049	0.8403	0.172	0.0048	417.5	0.2466	0.0071	1.1829	0.1716	0.005	-0.0755119	0.0755119	+
420.0	0.3175	0.0094	1.5255	0.1714	0.0051	422.5	0.4232	0.0137	2.0422	0.1707	0.0055	-0.425671	0.425659	+
425.0	0.5289	0.0179	2.5589	0.1703	0.0057	427.5	0.6282	0.0238	3.0547	0.1694	0.0064	-1.3605	1.36049	+
430.0	0.7274	0.0297	3.5504	0.1688	0.0069	432.5	0.8009	0.0372	3.9354	0.1677	0.0078	-3.24716	3.24722	+
435.0	0.8744	0.0448	4.3203	0.1668	0.0085	437.5	0.918	0.0541	4.5722	0.1655	0.0097	-5.70361	5.70358	+
440.0	0.9617	0.0635	4.824	0.1644	0.0108	442.5	0.9786	0.0743	4.9611	0.1627	0.0123	-8.23231	8.23232	+
445.0	0.9955	0.0852	5.0981	0.1611	0.0137	447.5	0.995	0.0988	5.17	0.1588	0.0157	-12.92312	12.92312	+
450.0	0.9945	0.1124	5.242	0.1566	0.0177	452.5	0.981	0.1295	5.1755	0.1567	0.0192	-17.1516	17.1516	+
455.0	0.9737	0.1466	5.329	0.1509	0.0227	457.5	0.945	0.1678	2.951	0.1474	0.0261	-22.248	22.248	+
460.0	0.9165	0.1891	5.2612	0.1439	0.0297	462.5	0.866	0.2145	5.1118	0.1398	0.0346	-27.1465	27.1465	+
465.0	0.8154	0.2399	4.9623	0.1355	0.0398	467.5	0.7342	0.272	4.6326	0.1302	0.0482	-34.4936	34.4936	+
470.0	0.6529	0.304	4.3028	0.1241	0.0578	472.5	0.5705	0.3453	3.9408	0.1174	0.0711	-37.5398	37.5398	+
475.0	0.488	0.3867	3.5787	0.1095	0.0868	477.5	0.4126	0.4384	3.2229	0.1012	0.1076	-38.6694	38.6694	+
480.0	0.3372	0.4901	2.8671	0.0912	0.1326	482.5	0.2734	0.5512	2.5479	0.081	0.1634	-37.6474	37.6474	+
485.0	0.2095	0.6123	2.2287	0.0687	0.2007	487.5	0.1641	0.6915	1.9763	0.0579	0.2441	-35.3932	35.3932	+
490.0	0.1186	0.7707	1.7238	0.0453	0.2949	492.5	0.0871	0.8757	1.5319	0.0349	0.351	-33.9736	33.9736	+
495.0	0.0577	0.9808	1.3589	0.0324	0.4126	497.5	0.0373	1.1167	1.1974	0.0158	0.4748	-32.5078	32.5078	+
500.0	0.019	1.2526	1.0548	0.0081	0.5383	502.5	0.0142	1.4331	0.9479	0.0059	0.5982	-32.4236	32.4236	+
505.0	0.0095	1.6136	0.8411	0.0038	0.6547	507.5	0.0235	1.8238	0.7404	0.0091	0.7047	-34.302	34.302	+
510.0	0.0376	2.034	0.6397	0.0138	0.7501	512.5	0.0788	2.271	0.5501	0.0271	0.783	-33.5598	33.5598	+
515.0	0.1199	2.508	0.4606	0.0388	0.8119	517.5	0.1929	2.7456	0.3946	0.0578	0.8236	-33.5683	33.5683	+
520.0	0.2658	2.9831	0.3287	0.0743	0.8337	522.5	0.3673	3.1881	0.2968	0.0956	0.8297	-31.0	31.04	+
525.0	0.4688	3.393	0.2448	0.1141	0.8261	527.5	0.5945	3.572	0.2401	0.141	0.9332	-28.5832	28.5832	+
530.0	0.7201	3.7511	0.1834	0.1547	0.8058	532.5	0.8592	3.8991	0.1777	0.1747	0.7931	-34.9365	34.9365	+
535.0	0.9983	4.047	0.1319	0.1928	0.7816	537.5	1.1516	4.1668	0.1116	0.212	0.7673	-38.2941	38.2942	+
540.0	1.3048	4.2866	0.0912	0.2296	0.7543	542.5	1.4727	4.3789	0.0761	0.2484	0.7386	-42.6271	42.6271	+
545.0	1.6405	4.4711	0.0611	0.2657	0.7243	547.5	1.8228	4.5372	0.0507	0.2843	0.7077	-47.9599	47.96	+
550.0	2.0051	4.6034	0.0404	0.3015	0.6923	552.5	2.2034	4.6466	0.0337	0.32	0.675	-54.5949	54.5947	+
555.0	2.4016	4.6899	0.0269	0.3373	0.6588	557.5	2.6131	4.7086	0.0227	0.3557	0.6411	-61.6968	61.6969	+
560.0	2.8245	4.7273	0.0185	0.373	0.6244	562.5	3.0438	4.7172	0.0158	0.3913	0.6065	-69.0053	69.0052	+
565.0	3.2631	4.7071	0.0132	0.4087	0.5895	567.5	3.4861	4.6702	0.0117	0.4267	0.5717	-75.5656	75.5657	+
570.0	3.7097	4.6333	0.0102	0.444	0.5547	572.5	3.9277	4.5692	0.0095	0.4617	0.5371	-80.6868	80.6868	+
575.0	4.1464	4.5052	0.0088	0.4787	0.5201	577.5	4.352	4.4163	0.0085	0.4958	0.5031	-83.5293	83.5292	+
580.0	4.5577	4.3274	0.0082	0.5124	0.4865	582.5	4.7372	4.2143	0.0076	0.5287	0.4703	-83.3438	83.3532	+
585.0	4.9168	4.1013	0.007	0.5447	0.4544	587.5	5.0613	3.9706	0.0063	0.5599	0.4393	-77.6829	79.6828	+
590.0	5.2058	3.8398	0.0055	0.5751	0.4242	592.5	5.3072	3.6983	0.0053	0.5889	0.4104	-72.6798	72.6797	+
595.0	5.4086	3.5567	0.0051	0.6029	0.3964	597.5	5.4945	3.407	0.0046	0.6186	0.3846	-66.9832	66.9832	+
600.0	5.4833	3.2573	0.0041	0.627	0.3724	602.5	5.4623	3.1035	0.0036	0.6474	0.3621	-49.987	49.987	+
605.0	5.4412	2.9496	0.0031	0.6482	0.3513	607.5	5.3492	2.7935	0.0024	0.6567	0.3429	-37.1815	37.1816	+
610.0	5.2572	2.6375	0.0017	0.6657	0.334	612.5	5.1065	2.4837	0.0015	0.6726	0.3271	-26.5061	26.5061	+
615.0	4.9558	2.33	0.0012	0.68	0.3197	617.5	4.7491	2.1778	0.0011	0.6854	0.3143	-17.62	17.6199	+
620.0	4.5425	2.0256	0.001	0.6914	0.3083	622.5	4.2813	1.8715	0.0007	0.6957	0.3041	-11.011	11.0111	+
625.0	4.02	1.7173	0.0005	0.7005	0.2992	627.5	3.7386	1.5717	0.0004	0.7039	0.2959	-6.57904	6.579	+
630.0	3.4571	1.4261	0.0002	0.7079	0.292	632.5	3.1946	1.3001	0.0002	0.7106	0.2892	-3.9513	3.95133	+
635.0	2.9322	1.1742	0.0001	0.714	0.2859	637.5	2.6841	1.0629	0.0001	0.7162	0.2836	-2.24566	2.24568	+
640.0	2.4359	0.9517	0.0001	0.719	0.2809	642.5	2.2037	0.8534	0.0	0.7207	0.2791	-1.18961	1.18959	+
645.0	1.9715	0.7551	0.0	0.723	0.2769	647.5	1.7636	0.6711	0.0	0.7243	0.2756	-0.55423	0.55423	+
650.0	1.5558	0.5872	0.0	0.7259	0.2739	652.5	1.3804	0.5184	0.0	0.7269	0.273	-0.261444	0.261448	+
655.0	1.205	0.4496	0.0	0.7282	0.2717	657.5	1.0584	0.3934	0.0	0.7289	0.2709	-0.11348	0.11348	+
660.0	0.9119	0.3373	0.0	0.7299	0.27	662.5	0.7922	0.2923	0.0	0.7303	0.2695	-0.0416431	0.041644	+
665.0	0.6724	0.2473	0.0	0.731	0.2688	667.5	0.5794	0.2127	0.0	0.7313	0.2684	-0.0178699	0.0178684	+
670.0	0.4863	0.178	0.0	0.7318	0.2679	672.5	0.4206	0.1537	0.0	0.7327	0.2676	-0.0065631	0.006561	+
675.0	0.3548	0.1294	0.0	0.7325	0.2672	677.5	0.3082	0.1122	0.0	0.7328	0.2669	-0.0039005	0.0039008	+
680.0	0.2616	0.095	0.0	0.7332	0.2665	682.5	0.223	0.0809	0.0	0.7334	0.2662	-0.0018268	0.001827	+
685.0	0.1844	0.0668	0.0	0.7337	0.2658	687.5	0.1559	0.0564	0.0	0.7338	0.2656	-0.0004835	0.0004836	+
690.0	0.1274	0.046	0.0	0.7339	0.2654	692.5	0.1082	0.0391	0.0	0.7339	0.2651	-0.0001371	0.0001371	+
695.0	0.089	0.0321	0.0	0.7339	0.2651	697.5	0.0765	0.0276	0.0	0.7339	0.2651	-0.0385046	0.038512	+
700.0	0.0639	0.023	0.0	0.7338	0.2649	702.5	0.059	0.0211	0.0028	0.7107	0.2543	-0.0121821	0.0121821	+
-495.0	0.0542	0.0191	0.0056	0.6852	0.2426	-497.5	0.0546	0.0186	0.0148	0.6188	0.2118	-0.0339343	0.0339343	+
-500.0	0.055	0.0181	0.024	0.5648	0.1868	-502.5	0.0552	0.0178	0.0299	0.5356	0.1731	-0.0215588	0.0215588	+
-505.0	0.0555	0.0175	0.0358	0.5095	0.1608	-507.5	0.0557	0.0172	0.04	0.4925	0.1529	-0.0154104	0.0154104	+
-510.0	0.0558	0.017	0.0441	0.4766	0.1455	-512.5	0.056	0.0168	0.0473	0.4653	0.1403	-0.0116925	0.0116925	+
-515.0	0.0561	0.0167	0.0505	0.4545	0.1353	-517.5	0.0562	0.0165	0.0529	0.4467	0.1316	-0.0089292	0.0089292	+
-520.0	0.0563	0.0164	0.0554	0.4392	0.128	-522.5	0.0564	0.0163	0.0575	0.4328	0.1252	-0.0078044	0.0078044	+
-525.0	0.0565	0.0162	0.0596	0.4267	0.1225	-527.5	0.0566	0.0161	0.0618	0.4207	0.1197	-0.0078438	0.0078438	+
-530.0	0.0567	0.0159	0.0639	0.417	0.117	-532.5	0.0568	0.0159	0.0663	0.4081	0.1176	-0.0086561	0.0086561	+
-535.0	0.0569	0.0157	0.0686	0.4027	0.1111	-537.5	0.057	0.0155	0.0714	0.3958	0.108	-0.0102643	0.0102643	+
-540.0	0.0572	0.0154	0.0742	0.3892	0.105	-542.5	0.0573	0.0152	0.0777	0.3812	0.1014	-0.0128976	0.0128977	+
-545.0														

http://130.149.60.45/~farbmetrik/TN12/TN12L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 4/8

see similar files: <http://130.149.60.45/~farbmetrik/TN12/TN12L0NP.PDF> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Code	X ₁	Y ₁	Z ₁	x ₁	y ₁	Code	X _m	Y _m	Z _m	x _m	Y _m	TN	TP
A00	109.84	99.99	35.58	0.4475	0.4074	382.5	0.0008	0.0	0.0041	0.1706	0.0048	-0.0001325	0.0001325
380.0	0.0006	0.0	0.0029	0.1693	0.0048	387.5	0.0017	0.0	0.0082	0.1721	0.0048	-0.0007132	0.0007132
385.0	0.0011	0.0	0.0053	0.1713	0.0048	392.5	0.0035	0.0001	0.0168	0.1727	0.0048	-0.0045362	0.0045363
390.0	0.0023	0.0	0.0112	0.1725	0.0048	397.5	0.0072	0.0002	0.0343	0.1729	0.0048	-0.0103767	0.0103823
395.0	0.0047	0.0001	0.0224	0.1729	0.0049	402.5	0.0135	0.0003	0.0643	0.1729	0.0047	-0.0840015	0.0840022
400.0	0.0097	0.0002	0.0462	0.173	0.0047	407.5	0.0265	0.0007	0.1262	0.1726	0.0047	-0.0004719	0.0004719
405.0	0.0173	0.0004	0.0824	0.1728	0.0047	412.5	0.0525	0.0014	0.2509	0.1721	0.0048	-0.0021098	0.0021098
410.0	0.0356	0.0019	0.1699	0.1724	0.0048	417.5	0.1	0.0029	0.4799	0.1716	0.005	-0.0128006	0.0127997
415.0	0.0693	0.0019	0.3319	0.172	0.0048	422.5	0.1787	0.0058	0.8626	0.1707	0.0055	-0.0795154	0.0795154
420.0	0.1307	0.0038	0.6279	0.1714	0.0051	427.5	0.2757	0.0104	1.3407	0.1694	0.0064	-0.278114	0.278114
425.0	0.2268	0.0077	1.0974	0.1703	0.0057	432.5	0.365	0.017	1.7938	0.1677	0.0078	-0.720181	0.720177
430.0	0.3245	0.0132	1.584	0.1688	0.0068	437.5	0.4343	0.0256	2.1636	0.1655	0.0097	-1.37238	1.37237
435.0	0.4055	0.0207	2.0036	0.1668	0.0085	440.0	0.4632	0.0305	2.436	0.1633	0.0123	-2.28389	2.2839
440.0	0.4632	0.0305	2.436	0.1644	0.0108	445.0	0.5065	0.0404	2.6329	0.1588	0.0158	-3.59711	3.59709
445.0	0.4976	0.0426	2.5484	0.1611	0.0137	447.5	0.5192	0.0685	2.7896	0.1537	0.0202	-5.13327	5.13322
450.0	0.5155	0.0582	2.7173	0.1566	0.0177	452.5	0.5162	0.0919	2.8933	0.1474	0.0262	-7.17249	7.17255
455.0	0.5229	0.0787	2.8619	0.1509	0.0227	457.5	0.4892	0.1215	2.8892	0.1397	0.0347	-9.4464	9.44642
460.0	0.5095	0.1051	2.9247	0.1439	0.0297	462.5	0.4285	0.1593	2.7059	0.1301	0.0483	-12.9724	12.9724
465.0	0.4689	0.138	2.8538	0.1354	0.0398	467.5	0.3439	0.2091	2.3759	0.1173	0.0713	-15.1969	15.1969
470.0	0.3881	0.1807	2.558	0.1241	0.0578	472.5	0.2567	0.2741	2.0076	0.1011	0.1079	-16.7906	16.7906
475.0	0.2997	0.2375	2.1978	0.1095	0.0868	477.5	0.1754	0.3555	1.6374	0.0808	0.1639	-17.458	17.458
480.0	0.2138	0.3107	1.8174	0.0912	0.1326	482.5	0.1085	0.46	1.3098	0.0577	0.2448	-17.4762	17.4762
485.0	0.137	0.4004	1.4574	0.0687	0.2007	487.5	0.0593	0.6004	1.0464	0.0347	0.3518	-17.7831	17.7831
490.0	0.0799	0.5196	1.1621	0.0453	0.2949	492.5	0.0261	0.7886	0.8426	0.0157	0.4757	-17.9475	17.9475
495.0	0.0135	0.8959	0.7545	0.0081	0.5383	502.5	0.0102	1.0418	0.6868	0.0059	0.599	-18.737	18.737
500.0	0.0069	1.1877	0.6191	0.0038	0.6547	507.5	0.0047	1.3635	0.5517	0.0037	0.7105	-20.465	20.465
510.0	0.0284	1.5398	0.4842	0.0138	0.7501	512.5	0.0609	1.7458	0.4213	0.0273	0.7835	-21.4195	21.4194
515.0	0.0933	1.9517	0.3584	0.0388	0.8119	517.5	0.1529	2.1686	0.3106	0.0881	0.8238	-19.6173	19.6173
520.0	0.2125	2.3854	0.2628	0.0742	0.8337	522.5	0.2987	2.5856	0.2319	0.0958	0.8296	-16.7606	16.7606
525.0	0.3849	2.7858	0.201	0.1141	0.8261	527.5	0.4959	2.9734	0.1778	0.1359	0.8152	-16.5594	16.5594
530.0	0.6068	3.1609	0.1546	0.1547	0.8058	532.5	0.7349	3.3297	0.1343	0.175	0.7929	-17.4501	17.4501
535.0	0.863	3.4986	0.1141	0.1928	0.7816	537.5	1.0098	3.6492	0.0974	0.2123	0.7671	-18.8171	18.8171
540.0	1.1566	3.7998	0.0808	0.2296	0.7543	542.5	1.3235	3.9307	0.0681	0.2486	0.7385	-20.8052	20.8052
545.0	1.4903	4.0617	0.0555	0.2657	0.7243	547.5	1.6782	4.1728	0.0465	0.2845	0.7075	-23.539	23.539
550.0	1.866	4.284	0.0376	0.3015	0.6923	552.5	2.0773	4.3765	0.0316	0.3202	0.6748	-27.3533	27.3534
555.0	2.2886	4.4691	0.0256	0.3373	0.6588	557.5	2.5218	4.54	0.0218	0.3559	0.6409	-31.9052	31.9052
560.0	2.7549	4.6109	0.018	0.373	0.6244	562.5	3.0056	4.6541	0.0156	0.3915	0.6063	-37.0911	37.0911
565.0	3.2563	4.6973	0.0132	0.4087	0.5895	567.5	3.5207	4.7128	0.0118	0.4269	0.5715	-42.3339	42.3339
570.0	3.7852	4.7284	0.0094	0.4434	0.5698	572.5	4.0525	4.7143	0.009	0.4593	0.5399	-47.1701	47.1701
575.0	4.3259	4.7002	0.0092	0.4787	0.5301	577.5	4.5926	4.657	0.0089	0.496	0.5029	-50.9892	50.9891
580.0	4.8594	4.6138	0.0087	0.5124	0.4865	582.5	5.1071	4.5403	0.0082	0.5289	0.4702	-53.1119	53.1119
585.0	5.3548	4.4667	0.0076	0.5447	0.4544	587.5	5.5721	4.3685	0.0069	0.5601	0.4391	-52.9714	52.9714
590.0	5.7894	4.2703	0.0062	0.5751	0.4242	592.5	5.9648	4.1541	0.006	0.5891	0.4102	-50.3789	50.3788
595.0	6.1402	4.0378	0.0058	0.6029	0.3964	597.5	6.246	3.9055	0.0052	0.6149	0.3845	-43.872	43.872
600.0	6.3518	3.7733	0.0047	0.627	0.3724	602.5	6.3908	3.6294	0.0042	0.6375	0.362	-37.5469	37.547
605.0	6.4299	3.4855	0.0036	0.6482	0.3513	607.5	6.3824	3.3319	0.0029	0.6568	0.3428	-29.0222	29.0222
610.0	6.335	3.1782	0.0021	0.6657	0.334	612.5	6.2113	3.0202	0.0018	0.6726	0.327	-21.5415	21.5415
615.0	6.0876	2.8622	0.0015	0.68	0.3197	617.5	5.887	2.6899	0.0014	0.6855	0.3142	-14.8864	14.8863
620.0	5.6864	2.5357	0.0012	0.6914	0.3083	622.5	5.4067	2.363	0.0009	0.6957	0.304	-9.6391	9.6391
625.0	5.127	2.1902	0.0006	0.7005	0.2992	627.5	4.8807	2.0213	0.0005	0.7039	0.2959	-5.97958	5.97959
630.0	4.4904	1.8523	0.0003	0.7079	0.292	632.5	4.2814	1.7026	0.0003	0.7102	0.2899	-3.72852	3.72854
635.0	3.8778	1.5528	0.0002	0.714	0.2859	637.5	3.5784	1.417	0.0001	0.7163	0.2836	-2.19718	2.19716
640.0	3.279	1.2811	0.0001	0.719	0.2809	642.5	2.9898	1.1578	0.0001	0.7208	0.2791	-1.20467	1.20468
645.0	2.7006	1.0344	0.0	0.723	0.2769	647.5	2.4343	0.9263	0.0	0.7243	0.2756	-0.579933	0.579933
650.0	2.1681	0.8183	0.0	0.7259	0.2739	652.5	1.9379	0.7277	0.0	0.7269	0.2729	-0.284008	0.284008
655.0	1.7078	0.6372	0.0	0.7282	0.2717	657.5	1.5109	0.5616	0.0	0.7289	0.2709	-0.127474	0.127474
660.0	1.314	0.486	0.0	0.7299	0.27	662.5	1.1495	0.4242	0.0	0.7304	0.2695	-0.0483455	0.0483474
665.0	0.985	0.3623	0.0	0.731	0.2688	667.5	0.8545	0.3137	0.0	0.7314	0.2685	-0.0214319	0.0214328
670.0	0.724	0.2651	0.0	0.7319	0.2679	672.5	0.6304	0.2304	0.0	0.7322	0.2676	-0.009355	0.0093541
675.0	0.5367	0.1958	0.0	0.7326	0.2672	677.5	0.4693	0.1709	0.0	0.7329	0.2669	-0.0049853	0.0049853
680.0	0.4018	0.146	0.0	0.7332	0.2665	682.5	0.3447	0.1251	0.0	0.7335	0.2662	-0.0024087	0.0024086
685.0	0.2876	0.1042	0.0	0.7338	0.2658	687.5	0.2447	0.0886	0.0	0.7339	0.2657	-0.0006573	0.0006573
690.0	0.2019	0.073	0.0	0.7341	0.2655	692.5	0.1735	0.0623	0.0	0.7342	0.2654	-0.0001921	0.0001921
695.0	0.1432	0.0517	0.0	0.7342	0.2652	697.5	0.1237	0.0447	0.0	0.7341	0.2652	-0.0555664	0.0555515
700.0	0.1043	0.0376	0.0	0.7341	0.2651	702.5	0.09	0.0325	0.0	0.734	0.265	-0.0094845	0.0094845
705.0	0.0756	0.0273	0.0	0.7339	0.265	707.5	0.0652	0.0235	0.0	0.7338	0.265	-0.001423	0.001456
710.0	0.0548	0.0198	0.0	0.7336	0.2649	712.5	0.0471	0.017	0.0	0.7335	0.2649	-0.0007152	0.0007152
715.0	0.0394	0.0142	0.0	0.7333	0.2648	717.5	0.0338	0.0122	0.0	0.733	0.2647	-1.3e-05	-1.11e-05
720.0	0.0282	0.0102	0.0	0.7327	0.2646	722.5	0.0242	0.0087	0.0	0.7324	0.2645	-7.45e-05	7.31e-05
725.0	0.0202	0.0073	0.0	0.732	0.2643	727.5	0.0173	0.0062	0.0	0.7315	0.2641	-0.0002114	0.0002118
730.0	0.0144	0.0052	0.0	0.7309	0.2639	732.5	0.0122	0.0044	0.0	0.7303	0.2637	-6.49e-05	-6.54e-05
735.0	0.0101	0.0036	0.0	0.7293	0.2634	737.5	0.0086	0.0031					

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

Code	X ₁	Y ₁	Z ₁	x ₁	y ₁	Code	X _m	Y _m	Z _m	x _m	TN	TP		
E00	100.0	100.0	100.0	0.3333	0.3333	382.5	0.0084	0.0002	0.0397	0.1736	0.0049	-0.0122636	0.0122562	+
380.0	0.0064	0.0001	0.0301	0.1736	0.0049	387.5	0.0151	0.0004	0.0715	0.1736	0.0049	-0.0593289	0.0593066	+
385.0	0.0104	0.0002	0.0493	0.1737	0.0049	392.5	0.0278	0.0007	0.1316	0.1735	0.0049	-0.0002839	0.000284	+
390.0	0.0198	0.0005	0.0938	0.1736	0.0049	397.5	0.0513	0.0014	0.2434	0.1733	0.0048	-0.0006337	0.0006338	+
395.0	0.0357	0.001	0.1694	0.1734	0.0049	402.5	0.0877	0.0024	0.4165	0.1731	0.0047	-0.0036454	0.0036454	+
400.0	0.0669	0.0018	0.3174	0.1732	0.0047	407.5	0.156	0.0043	0.743	0.1727	0.0047	-0.0166358	0.0166358	+
405.0	0.1085	0.0029	0.5156	0.1729	0.0047	412.5	0.2834	0.0079	1.3539	0.1722	0.0048	-0.0621128	0.0621185	+
410.0	0.2035	0.0056	0.9704	0.1725	0.0047	417.5	0.496	0.0144	2.3791	0.1716	0.005	-0.301582	0.301575	+
415.0	0.3632	0.0102	1.7373	0.172	0.0048	422.5	0.8169	0.0264	3.9414	0.1707	0.0055	-1.54872	1.54871	+
420.0	0.6288	0.0187	3.0208	0.1714	0.0051	427.5	1.1667	0.0442	5.6727	0.1694	0.0064	-4.53857	4.53851	+
425.0	1.005	0.0341	4.8621	0.1703	0.0057	432.5	1.4327	0.0665	7.0388	0.1678	0.0077	-10.0021	10.0021	+
430.0	1.3284	0.0542	6.4834	0.1688	0.0069	437.5	1.5834	0.0932	7.8846	0.1656	0.0097	-16.2556	16.2557	+
435.0	1.5371	0.0787	7.5942	0.1668	0.0085	442.5	1.6297	0.1235	8.48	0.1627	0.0123	-23.4325	23.4326	+
440.0	1.6297	0.1076	8.1749	0.1644	0.0108	447.5	1.6288	0.1394	8.341	0.1611	0.0137	-32.0522	32.0526	+
445.0	1.6288	0.1394	8.341	0.1611	0.0137	450.0	1.5731	0.1778	8.2919	0.1566	0.0177	-39.8003	39.8	+
450.0	1.5731	0.1778	8.2919	0.1566	0.0177	452.5	1.5321	0.2012	8.2264	0.1538	0.0202	-39.8003	39.8	+
455.0	1.4912	0.2245	8.1609	0.1509	0.0227	457.5	1.4259	0.2526	7.9856	0.1475	0.0261	-48.3331	48.3328	+
460.0	1.3606	0.2807	7.8104	0.1439	0.0297	462.5	1.2678	0.3132	7.4803	0.1399	0.0345	-55.2608	55.261	+
465.0	1.1749	0.3457	7.1502	0.1355	0.0398	467.5	1.0446	0.3857	6.5875	0.1302	0.0481	-65.8955	65.8957	+
470.0	0.9143	0.4257	6.0248	0.1241	0.0578	472.5	0.7896	0.462	5.45	0.1175	0.0709	-67.5856	67.5856	+
475.0	0.6649	0.5268	4.8752	0.1095	0.0868	477.5	0.5562	0.5886	4.3396	0.1014	0.1073	-65.8781	65.8781	+
480.0	0.4475	0.6504	3.8041	0.0912	0.1326	482.5	0.3593	0.7212	3.3437	0.0812	0.163	-60.9462	60.9462	+
485.0	0.2711	0.7921	2.8832	0.0687	0.2007	487.5	0.2104	0.8827	2.53	0.058	0.2436	-54.7483	54.7483	+
490.0	0.1497	0.9732	2.1767	0.0453	0.2949	492.5	0.1092	1.0916	1.9149	0.035	0.3535	-50.4286	50.4286	+
495.0	0.0867	1.21	1.6531	0.0234	0.4126	497.5	0.0458	1.3606	1.4629	0.0159	0.4741	-46.5951	46.5951	+
500.0	0.0229	1.5113	1.2727	0.0081	0.5384	502.5	0.0171	1.7085	1.133	0.0059	0.5976	-45.2997	45.2996	+
505.0	0.0112	1.9058	0.9933	0.0038	0.6548	507.5	0.0073	2.077	0.668	0.0037	0.7123	-47.4436	47.4436	+
510.0	0.0435	2.3536	0.7402	0.0138	0.7501	512.5	0.0898	2.5997	0.6314	0.027	0.7827	-49.754	49.754	+
515.0	0.1361	2.8458	0.5226	0.0388	0.8119	517.5	0.2161	3.084	0.4444	0.0577	0.8335	-48.9841	48.984	+
520.0	0.296	3.3222	0.3661	0.0743	0.8337	522.5	0.4044	3.5168	0.317	0.0954	0.8297	-48.2744	48.2744	+
525.0	0.5128	3.7115	0.2678	0.1141	0.8261	527.5	0.6436	3.8724	0.2325	0.1355	0.8154	-52.3871	52.3871	+
530.0	0.7744	4.0334	0.1972	0.1547	0.8058	532.5	0.9152	4.1571	0.1684	0.1746	0.7932	-56.2813	56.2813	+
535.0	1.056	4.2809	0.1396	0.1928	0.7816	537.5	1.2074	4.3724	0.1173	0.2119	0.7674	-61.5028	61.5028	+
540.0	1.3588	4.4639	0.0949	0.2296	0.7543	542.5	1.5209	4.5254	0.0788	0.2483	0.7388	-68.0718	68.0717	+
545.0	1.683	4.5869	0.0627	0.2657	0.7243	547.5	1.8555	4.6213	0.0518	0.2842	0.7078	-75.5982	75.5982	+
550.0	2.0279	4.6557	0.0409	0.3015	0.6923	552.5	2.212	4.6674	0.0339	0.3199	0.6751	-84.4916	84.4915	+
555.0	2.3961	4.6791	0.0269	0.3373	0.6588	557.5	2.5889	4.6674	0.0225	0.3556	0.6412	-93.4478	93.4478	+
560.0	2.7817	4.6557	0.0182	0.373	0.6244	562.5	2.978	4.6173	0.0155	0.3912	0.6066	-102.139	102.139	+
565.0	3.1743	4.579	0.0128	0.4087	0.5895	567.5	3.3701	4.5167	0.0113	0.4266	0.5718	-109.306	109.306	+
570.0	3.5659	4.4545	0.0081	0.4461	0.5547	572.5	3.7547	4.3889	0.0091	0.4616	0.5372	-114.121	114.121	+
575.0	3.9421	4.2833	0.0084	0.4787	0.5201	577.5	4.1438	4.177	0.008	0.4957	0.5032	-115.607	115.607	+
580.0	4.2875	4.0708	0.0077	0.5124	0.4865	582.5	4.4432	3.9452	0.0071	0.5286	0.4704	-112.981	112.981	+
585.0	4.579	3.8195	0.0065	0.5447	0.4544	587.5	4.6906	3.6808	0.0058	0.5599	0.4393	-105.938	105.938	+
590.0	4.8022	3.5421	0.0051	0.5751	0.4242	592.5	4.8733	3.3968	0.0049	0.5889	0.4104	-94.8237	94.8238	+
595.0	4.9444	3.2515	0.0046	0.6029	0.3964	597.5	4.9573	3.102	0.0042	0.6147	0.3846	-77.9492	77.9494	+
600.0	4.9702	2.9525	0.0037	0.627	0.3724	602.5	4.9313	2.8023	0.0032	0.6373	0.3621	-63.0511	63.0508	+
605.0	4.8925	2.6521	0.0028	0.6482	0.3513	607.5	4.7919	2.5028	0.0021	0.6566	0.3429	-46.1979	46.1979	+
610.0	4.6913	2.3536	0.0015	0.6657	0.334	612.5	4.5411	2.209	0.0013	0.6725	0.3271	-32.425	32.4252	+
615.0	4.3909	2.0644	0.0011	0.68	0.3197	617.5	4.1943	1.9236	0.001	0.6854	0.3143	-21.2507	21.2508	+
620.0	3.9978	1.7827	0.0008	0.6914	0.3083	622.5	3.7568	1.6423	0.0006	0.6957	0.3041	-13.1223	13.1221	+
625.0	3.5159	1.502	0.0004	0.7005	0.2992	627.5	3.2609	1.3709	0.0003	0.7039	0.2959	-7.74329	7.7434	+
630.0	3.0058	1.2399	0.0002	0.7079	0.292	632.5	2.6707	1.0776	0.0001	0.7166	0.2882	-4.59544	4.59548	+
635.0	2.5356	1.0153	0.0001	0.714	0.2859	637.5	2.3157	0.9171	0.0001	0.7187	0.286	-2.58367	2.58374	+
640.0	2.0957	0.8188	0.0	0.719	0.2809	642.5	1.892	0.7327	0.0	0.7207	0.2791	-1.35584	1.35583	+
645.0	1.6882	0.6466	0.0	0.723	0.2769	647.5	1.5073	0.5736	0.0	0.7242	0.2756	-0.626556	0.626556	+
650.0	1.3265	0.5006	0.0	0.7259	0.2739	652.5	1.1749	0.4412	0.0	0.7269	0.2729	-0.292622	0.292633	+
655.0	1.0233	0.3818	0.0	0.7282	0.2717	657.5	0.8974	0.3336	0.0	0.7289	0.2709	-0.126045	0.126045	+
660.0	0.7715	0.2854	0.0	0.7298	0.27	662.5	0.6693	0.247	0.0	0.7303	0.2695	-0.0459308	0.0459337	+
665.0	0.5671	0.2085	0.0	0.7309	0.2688	667.5	0.488	0.1791	0.0	0.7313	0.2684	-0.0195875	0.0195875	+
670.0	0.4089	0.1497	0.0	0.7318	0.2679	672.5	0.3532	0.1291	0.0	0.7321	0.2676	-0.0082325	0.0082328	+
675.0	0.2975	0.1085	0.0	0.7325	0.2672	677.5	0.2582	0.094	0.0	0.7328	0.2669	-0.0042297	0.0042297	+
680.0	0.2188	0.0795	0.0	0.7331	0.2664	682.5	0.1863	0.0676	0.0	0.7333	0.2662	-0.0019724	0.0019721	+
685.0	0.1539	0.0557	0.0	0.7336	0.2658	687.5	0.13	0.047	0.0	0.7337	0.2656	-0.00052	0.00052	+
690.0	0.1062	0.0384	0.0	0.7338	0.2654	692.5	0.0901	0.0325	0.0	0.7338	0.2653	-0.000147	0.0001469	+
695.0	0.0741	0.0267	0.0	0.7338	0.265	697.5	0.06	0.0227	0.0	0.7337	0.265	-0.0001719	0.0001719	+
700.0	0.0531	0.0191	0.0	0.7336	0.2649	702.5	0.0455	0.0164	0.0	0.7332	0.2648	-0.0008072	0.0008023	+
705.0	0.0379	0.0137	0.0	0.7332	0.2648	707.5	0.0325	0.0117	0.0	0.733	0.2647	-0.0009872	0.0009797	+
710.0	0.027	0.0097	0.0	0.7326	0.2646	712.5	0.0231	0.0083	0.0	0.7323	0.2644	-0.0004805	0.0004824	+
715.0	0.0192	0.0069	0.0	0.7318	0.2643	717.5	0.0163	0.0059	0.0	0.7317	0.2641	8.3e-06	-7.4e-06	+
720.0	0.0135	0.004.												

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see similar files: <http://130.149.60.45/~farbmetrik/TN12/TN12.L0NP.PDF> / .PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Code	X ₁	Y ₁	Z ₁	x ₁	y ₁	z ₁	Code	X _m	Y _m	Z _m	x _m	Y _m	z _m	TN	TP
C00	98.07	100.0	118.22	0.31	0.3161										
380.0	0.0021	0.0	0.0099	0.1726	0.0049		382.5	0.0031	0.0	0.0148	0.173	0.0049	-0.0016142	0.0016139	+
385.0	0.0041	0.0001	0.0197	0.1732	0.0049		387.5	0.0068	0.0001	0.0322	0.1734	0.0049	-0.0114971	0.0114981	+
390.0	0.0094	0.0002	0.0446	0.1734	0.0049		392.5	0.0146	0.0004	0.0692	0.1734	0.0049	-0.0746399	0.0746399	+
395.0	0.0198	0.0005	0.0938	0.1734	0.0049		397.5	0.0311	0.0008	0.1477	0.1733	0.0048	-0.0002311	0.0002311	+
400.0	0.0425	0.0011	0.2016	0.1732	0.0047		402.5	0.0603	0.0016	0.2866	0.173	0.0047	-0.0016734	0.0016736	+
405.0	0.0782	0.0021	0.3716	0.1729	0.0047		407.5	0.1214	0.0033	0.5783	0.1726	0.0047	-0.0096659	0.0096673	+
410.0	0.1646	0.0045	0.785	0.1725	0.0047		412.5	0.2455	0.0068	1.173	0.1722	0.0048	-0.0449771	0.0449714	+
415.0	0.3263	0.0091	1.5611	0.172	0.0048		417.5	0.4727	0.0137	2.2676	0.1716	0.005	-0.262253	0.262237	+
420.0	0.6191	0.0184	2.9742	0.1714	0.0051		422.5	0.8432	0.0273	4.0685	0.1707	0.0055	-1.58147	1.58136	+
425.0	1.0672	0.0362	5.1628	0.1703	0.0057		427.5	1.2829	0.0487	6.2383	0.1694	0.0064	-5.28741	5.28729	+
430.0	1.4985	0.0612	7.3139	0.1688	0.0069		432.5	1.6575	0.0771	8.1443	0.1677	0.0078	-12.9495	12.9493	+
435.0	1.8165	0.0931	8.9748	0.1668	0.0085		437.5	1.9019	0.1121	9.4717	0.1655	0.0097	-22.6998	22.6996	+
440.0	1.9873	0.1312	9.9687	0.1644	0.0108		442.5	2.0027	0.1519	10.1516	0.1627	0.0123	-34.3347	34.335	+
445.0	2.018	0.1727	10.3345	0.1611	0.0137		447.5	1.9879	0.197	10.3269	0.1588	0.0157	-47.9503	47.9501	+
450.0	1.9577	0.2212	10.3194	0.1566	0.0177		452.5	1.9038	0.2499	10.2215	0.1538	0.0201	-59.5913	59.5917	+
455.0	1.8498	0.2786	10.1236	0.1509	0.0227		457.5	1.7655	0.3127	9.8866	0.1475	0.0261	-71.7031	71.7031	+
460.0	1.6811	0.3468	9.6496	0.1439	0.0297		462.5	1.5675	0.3873	9.2489	0.1399	0.0345	-81.5065	81.5065	+
465.0	1.4539	0.4279	8.8483	0.1355	0.0398		467.5	1.295	0.4784	8.1671	0.1302	0.0481	-97.3176	97.3177	+
470.0	1.136	0.5289	7.4859	0.1241	0.0578		472.5	0.982	0.5925	6.7788	0.1175	0.0709	-100.143	100.143	+
475.0	0.828	0.6561	6.0716	0.1095	0.0868		477.5	0.6922	0.7324	5.401	0.1014	0.1073	-97.507	97.507	+
480.0	0.5564	0.8087	4.7305	0.0912	0.1326		482.5	0.4455	0.893	4.1437	0.0812	0.1628	-89.3224	89.3225	+
485.0	0.3345	0.9772	3.557	0.0687	0.2007		487.5	0.2579	1.0781	3.0969	0.0581	0.2431	-78.2822	78.2823	+
490.0	0.1814	1.179	2.6368	0.0453	0.2949		492.5	0.131	1.2993	2.2882	0.0352	0.3494	-68.7879	68.7879	+
495.0	0.0807	1.4196	1.9395	0.0234	0.4126		497.5	0.0532	1.56	1.6857	0.0161	0.4728	-59.369	59.369	+
500.0	0.0257	1.7004	1.4319	0.0081	0.5384		502.5	0.0189	1.8733	1.2492	0.006	0.5962	-53.3507	53.3508	+
505.0	0.012	2.0462	1.0665	0.0038	0.6548		507.5	0.0283	2.2133	0.9133	0.0089	0.7032	-51.883	51.883	+
510.0	0.0446	2.4165	0.76	0.0138	0.7501		512.5	0.0898	2.6196	0.6391	0.0268	0.7822	-51.6231	51.6231	+
515.0	0.135	2.8222	0.5183	0.0388	0.8119		517.5	0.2114	3.0265	0.4372	0.0575	0.8234	-50.0256	50.0257	+
520.0	0.2879	3.2309	0.356	0.0743	0.8337		522.5	0.393	3.418	0.3481	0.0954	0.8297	-50.3817	50.3817	+
525.0	0.4981	3.605	0.2601	0.1141	0.8261		527.5	0.6299	3.7861	0.2271	0.1356	0.8154	-56.7417	56.7417	+
530.0	0.7616	3.9671	0.194	0.1547	0.8058		532.5	0.9104	4.1305	0.148	0.1793	0.793	-63.7473	63.7473	+
535.0	1.0592	4.2939	0.14	0.1928	0.7816		537.5	1.2258	4.4341	0.1186	0.2121	0.7673	-73.3282	73.3282	+
540.0	1.3924	4.5742	0.0973	0.2296	0.7543		542.5	1.5741	4.6798	0.0813	0.2484	0.7386	-85.0844	85.0846	+
545.0	1.7559	4.7855	0.0654	0.2657	0.7243		547.5	1.9485	4.8506	0.0543	0.2843	0.7077	-97.8784	97.8783	+
550.0	2.1411	4.9156	0.0432	0.3015	0.6923		552.5	2.3412	4.939	0.0358	0.32	0.675	-111.548	111.548	+
555.0	2.5412	4.9624	0.0285	0.3373	0.6588		557.5	2.7405	4.9414	0.0239	0.3556	0.6412	-123.693	123.693	+
560.0	2.9398	4.9203	0.0192	0.373	0.6244		562.5	3.1283	4.8524	0.0163	0.3911	0.6067	-133.304	133.304	+
565.0	3.3168	4.7845	0.0134	0.4087	0.5895		567.5	3.489	4.679	0.0117	0.4265	0.572	-138.645	138.645	+
570.0	3.6612	4.5736	0.0094	0.444	0.5547		572.5	3.8118	4.4394	0.0092	0.4614	0.5374	-139.271	139.271	+
575.0	3.9624	4.3053	0.0084	0.4787	0.5201		577.5	4.0854	4.1505	0.008	0.4955	0.5034	-134.885	134.884	+
580.0	4.2084	3.9958	0.0075	0.5124	0.4865		582.5	4.297	3.827	0.0069	0.5284	0.4706	-125.607	125.607	+
585.0	4.3856	3.6583	0.0062	0.5447	0.4544		587.5	4.4388	3.4857	0.0055	0.5597	0.4395	-112.238	112.238	+
590.0	4.4919	3.3132	0.0048	0.5751	0.4242		592.5	4.5093	3.145	0.0045	0.5887	0.4106	-96.025	96.0246	+
595.0	4.5267	2.9768	0.0042	0.6029	0.3964		597.5	4.5006	2.8174	0.0038	0.6146	0.3847	-75.9768	75.9768	+
600.0	4.4745	2.658	0.0033	0.627	0.3724		602.5	4.4181	2.5112	0.0029	0.6373	0.3622	-59.8468	59.8467	+
605.0	4.3618	2.3644	0.0025	0.6482	0.3513		607.5	4.262	2.2263	0.0019	0.6566	0.343	-43.2208	43.2209	+
610.0	4.1622	2.0881	0.0014	0.6657	0.334		612.5	4.0243	1.9577	0.0012	0.6745	0.3271	-30.1107	30.1107	+
615.0	3.8864	1.8272	0.0009	0.68	0.3197		617.5	3.7107	1.7017	0.0008	0.6854	0.3143	-19.6651	19.6651	+
620.0	3.5349	1.5763	0.0007	0.6914	0.3083		622.5	3.3211	1.5119	0.0005	0.6957	0.3041	-12.1284	12.1283	+
625.0	3.1073	1.3274	0.0004	0.7005	0.2992		627.5	2.8811	1.2113	0.0003	0.7039	0.2959	-7.14809	7.14818	+
630.0	2.6548	1.0951	0.0002	0.7078	0.292		632.5	2.4453	0.9952	0.0001	0.7106	0.2892	-4.23185	4.23183	+
635.0	2.2359	0.8953	0.0001	0.714	0.2859		637.5	2.0413	0.8084	0.0001	0.7162	0.2836	-2.37377	2.37376	+
640.0	1.8468	0.7215	0.0	0.719	0.2809		642.5	1.6688	0.6463	0.0	0.7207	0.2791	-1.2476	1.24764	+
645.0	1.4908	0.571	0.0	0.7229	0.2769		647.5	1.3325	0.5071	0.0	0.7242	0.2756	-0.579315	0.579315	+
650.0	1.1742	0.4431	0.0	0.7259	0.2739		652.5	1.04	0.3905	0.0	0.7269	0.2729	-0.271088	0.271088	+
655.0	0.9058	0.3379	0.0	0.7282	0.2717		657.5	0.7932	0.2948	0.0	0.7289	0.2709	-0.116381	0.116373	+
660.0	0.6806	0.2518	0.0	0.7298	0.27		662.5	0.5885	0.2172	0.0	0.7303	0.2695	-0.0419368	0.0419349	+
665.0	0.4964	0.1826	0.0	0.7309	0.2688		667.5	0.4253	0.1561	0.0	0.7313	0.2684	-0.0175571	0.0175571	+
670.0	0.3542	0.1296	0.0	0.7318	0.2679		672.5	0.3044	0.1113	0.0	0.7321	0.2676	-0.0072169	0.0072169	+
675.0	0.2547	0.0929	0.0	0.7325	0.2672		677.5	0.2196	0.0799	0.0	0.7327	0.2668	-0.0036091	0.0036095	+
680.0	0.1844	0.067	0.0	0.7331	0.2664		682.5	0.1557	0.0565	0.0	0.7333	0.2662	-0.0016218	0.001622	+
685.0	0.127	0.046	0.0	0.7336	0.2657		687.5	0.1026	0.0366	0.0	0.7336	0.2657	-0.0004082	0.0004082	+
690.0	0.0854	0.0309	0.0	0.7337	0.2653		692.5	0.0718	0.0259	0.0	0.7337	0.2652	-0.0001098	0.0001098	+
695.0	0.0582	0.021	0.0	0.7336	0.265		697.5	0.0494	0.0178	0.0	0.7335	0.2649	-0.0292584	0.0292584	+
700.0	0.0407	0.0146	0.0	0.7333	0.2648		702.5	0.0345	0.0124	0.0	0.7331	0.2647	-0.0004607	-0.004597	+
705.0	0.0283	0.0102	0.0	0.7327	0.2646		707.5	0.024	0.0086	0.0	0.7324	0.2645	-0.0006314	0.0006314	+
710.0	0.0196	0.0071	0.0	0.7319	0.2643		7121								

http://130.149.60.45/~farbmeterik/TN12/TN12L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 7/8

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

Code	X _l	Y _l	Z _l	X _m	Y _m	Z _m	X _m	TN	TP
P00	102.06	100.0	81.06	0.3604	0.3531				
380.0	0.0043	0.0001	0.0204	0.1734	0.0049			-0.0057658	0.0057592
385.0	0.0071	0.0002	0.0339	0.1735	0.0049			-0.0278726	0.0278726
390.0	0.0138	0.0003	0.0653	0.1735	0.0049			-0.0001397	0.0001397
395.0	0.0252	0.0007	0.1194	0.1734	0.0049			-0.0003069	0.0003067
400.0	0.0478	0.0013	0.2266	0.1732	0.0047			-0.0018767	0.0018768
405.0	0.0784	0.0021	0.3727	0.1729	0.0047			-0.0088334	0.0088329
410.0	0.149	0.0041	0.7102	0.1725	0.0047			-0.0338192	0.0338172
415.0	0.269	0.0075	1.287	0.172	0.0048			-0.170486	0.170486
420.0	0.4714	0.014	2.2648	0.1714	0.0051			-0.902466	0.902481
425.0	0.7625	0.0259	3.6887	0.1703	0.0057			-2.71921	2.71924
430.0	1.0196	0.0416	4.9766	0.1688	0.0069			-6.14227	6.14246
435.0	1.1935	0.0611	5.8971	0.1668	0.0085			-10.2374	10.2375
440.0	1.28	0.0845	6.4209	0.1644	0.0108			-15.0834	15.0835
445.0	1.2938	0.1107	6.6259	0.1611	0.0137			-21.0934	21.0933
450.0	1.2636	0.1428	6.6008	0.1566	0.0177			-26.7897	26.7898
455.0	1.2112	0.1824	6.6284	0.1509	0.0227			-33.3198	33.3198
460.0	1.1173	0.2305	6.4135	0.1439	0.0297			-39.0627	39.0626
465.0	0.9752	0.287	5.9352	0.1355	0.0398			-47.7965	47.7965
470.0	0.7671	0.3571	5.0548	0.1241	0.0578			-50.2269	50.2269
475.0	0.5637	0.4467	4.1338	0.1095	0.0868			-50.0921	50.0921
480.0	0.3834	0.5572	3.2595	0.0912	0.1326			-47.3362	47.3362
485.0	0.2347	0.6858	2.4962	0.0687	0.2007			-43.3486	43.3486
490.0	0.131	0.8513	1.9039	0.0453	0.2949			-40.6317	40.6317
495.0	0.0607	1.0692	1.4607	0.0324	0.4198			-38.0989	38.0989
500.0	0.0204	1.3489	1.1359	0.0081	0.5384			-37.4206	37.4206
505.0	0.0101	1.718	0.8955	0.0038	0.6547			-39.2843	39.2843
510.0	0.0396	2.1427	0.6739	0.0138	0.7501			-40.8413	40.8413
515.0	0.1251	2.6162	0.4804	0.0388	0.8119			-39.2606	39.2605
520.0	0.2748	3.0838	0.3398	0.0743	0.8337			-37.4334	37.4333
525.0	0.4806	3.4783	0.251	0.1141	0.8261			-40.0036	40.0036
530.0	0.7326	3.816	0.1866	0.1547	0.8058			-43.0343	43.0343
535.0	1.0085	4.0884	0.1333	0.1928	0.7816			-47.2113	47.2113
540.0	1.3098	4.303	0.0915	0.2296	0.7543			-52.6191	52.6191
545.0	1.6374	4.4625	0.061	0.2657	0.7243			-59.0509	59.051
550.0	1.991	4.571	0.0401	0.3015	0.6923			-66.8959	66.8959
555.0	2.3739	4.6357	0.0266	0.3373	0.6588			-75.144	75.1438
560.0	2.7808	4.6541	0.0182	0.373	0.6244			-83.5151	83.5151
565.0	3.2015	4.6183	0.0129	0.4087	0.5895			-90.9183	90.9182
570.0	3.6281	4.5325	0.009	0.4445	0.5524			-96.5478	96.5478
575.0	4.0463	4.3965	0.0086	0.4787	0.5201			-99.5457	99.5457
580.0	4.4391	4.2148	0.0079	0.5124	0.4865			-98.9775	98.9775
585.0	4.7818	3.9887	0.0068	0.5447	0.4544			-94.4068	94.4067
590.0	5.0577	3.7306	0.0054	0.5751	0.4242			-85.9544	85.9546
595.0	5.2516	3.4535	0.0049	0.6029	0.3964			-71.8492	71.8493
600.0	5.3233	3.1623	0.004	0.627	0.3724			-59.0918	59.0914
605.0	5.2838	2.8642	0.003	0.6482	0.3513			-44.0089	44.0087
610.0	5.1084	2.5628	0.0017	0.6657	0.334			-31.4094	31.4096
615.0	4.8205	2.2664	0.0012	0.68	0.3197			-20.9257	20.9257
620.0	4.4246	1.973	0.0009	0.6914	0.3083			-13.1262	13.1262
625.0	3.9226	1.6757	0.0005	0.7005	0.2992			-7.87164	7.87172
630.0	3.3804	1.3944	0.0002	0.7079	0.292			-4.74749	4.74745
635.0	2.8742	1.1509	0.0001	0.714	0.2859			-2.71186	2.71186
640.0	2.3943	0.9355	0.0001	0.719	0.2809			-1.44527	1.44527
645.0	1.9438	0.7445	0.0	0.723	0.2769			-0.678069	0.678062
650.0	1.5392	0.5809	0.0	0.7259	0.2739			-0.321815	0.321815
655.0	1.1965	0.4464	0.0	0.7282	0.2717			-0.140755	0.140753
660.0	0.909	0.3362	0.0	0.7299	0.27			-0.0520744	0.0520734
665.0	0.6732	0.2476	0.0	0.731	0.2688			-0.022542	0.022542
670.0	0.4891	0.179	0.0	0.7318	0.2679			-0.0096168	0.0096182
675.0	0.3585	0.1308	0.0	0.7325	0.2672			-0.0050151	0.0050148
680.0	0.2656	0.0965	0.0	0.7332	0.2665			-0.0023729	0.002373
685.0	0.1882	0.0682	0.0	0.7337	0.2658			-0.0006347	0.0006349
690.0	0.1308	0.0473	0.0	0.7339	0.2654			-0.000182	0.000182
695.0	0.0919	0.0332	0.0	0.734	0.2651			-0.00517368	0.0517368
700.0	0.0664	0.0239	0.0	0.7338	0.265			-0.0086874	0.0086873
705.0	0.0477	0.0172	0.0	0.7335	0.2649			-0.0012774	0.0012777
710.0	0.0343	0.0124	0.0	0.7331	0.2647			-0.0006395	0.0006395
715.0	0.0245	0.0088	0.0	0.7324	0.2644			-1.02e-05	1.02e-05
720.0	0.0174	0.0062	0.0	0.7315	0.264			-6.42e-05	6.42e-05
725.0	0.0124	0.0044	0.0	0.7303	0.2637			-0.0001797	0.0001797
730.0	0.0087	0.0031	0.0	0.7285	0.2631			-5.45e-05	5.45e-05
735.0	0.0061	0.0022	0.0	0.7259	0.2621			-3.07e-05	3.07e-05
740.0	0.0042	0.0015	0.0	0.7222	0.2608			-1.4e-05	1.4e-05
745.0	0.0029	0.001	0.0	0.7169	0.2588			-3.7e-06	3.7e-06
750.0	0.002	0.0007	0.0	0.7096	0.2562			-4.8e-06	4.8e-06
755.0	0.0014	0.0005	0.0	0.6999	0.2527			-9.3e-06	9.3e-06
760.0	0.001	0.0003	0.0	0.6869	0.2479			-4.7e-06	4.7e-06
765.0	0.0007	0.0002	0.0	0.6691	0.2416			-9e-07	9e-07
770.0	0.0005	0.0001	0.0	0.6458	0.2332			0	0
775.0	0.0003	0.0001	0.0	0.6156	0.2223			0	0

TN120-7N7/16

TUB-test chart TN12; Continuous hue data for 2°?
P00-CIEXYZ data; without/with purple data for Illuminant E

Code	X _l	Y _l	Z _l	x _l	y _l	Code	X _m	Y _m	Z _m	x _m	TN	TP		
P00	102.06	100.0	81.06	0.3604	0.3531									
380.0	0.0043	0.0001	0.0204	0.1734	0.0049	382.5	0.0057	0.0001	0.0271	0.1735	0.0049	-0.0057558	0.0057592	+
385.0	0.0071	0.0002	0.0339	0.1735	0.0049	387.5	0.0105	0.0002	0.0496	0.1735	0.0049	-0.027878	0.0278726	+
390.0	0.0138	0.0003	0.0653	0.1735	0.0049	392.5	0.0195	0.0005	0.0923	0.1734	0.0049	-0.0001397	0.0001397	+
395.0	0.0252	0.0007	0.1194	0.1734	0.0049	397.5	0.0365	0.001	0.173	0.1733	0.0048	-0.0003069	0.0003067	+
400.0	0.0478	0.0013	0.2266	0.1732	0.0047	402.5	0.0631	0.0017	0.2997	0.173	0.0047	-0.0018767	0.0018768	+
405.0	0.0784	0.0021	0.3727	0.1729	0.0047	407.5	0.1137	0.0031	0.5415	0.1727	0.0047	-0.0088334	0.0088329	+
410.0	0.149	0.0041	0.7102	0.1725	0.0047	412.5	0.209	0.0058	0.9986	0.1722	0.0048	-0.0338192	0.0338172	+
415.0	0.269	0.0075	1.287	0.172	0.0048	417.5	0.3702	0.0107	1.7759	0.1716	0.005	-0.170498	0.170486	+
420.0	0.4714	0.014	2.2648	0.1714	0.0051	422.5	0.617	0.0199	2.9768	0.1707	0.0055	-0.902466	0.902481	+
425.0	0.7625	0.0259	3.6887	0.1703	0.0057	427.5	0.8911	0.0337	4.3326	0.1694	0.0064	-2.71921	2.71924	+
430.0	1.0196	0.0416	4.9766	0.1688	0.0069	432.5	1.1666	0.0514	5.4368	0.1677	0.0077	-6.14227	6.14246	+
435.0	1.1935	0.0611	5.8971	0.1668	0.0085	437.5	1.2068	0.0728	6.159	0.1655	0.0097	-10.2374	10.2375	+
440.0	1.28	0.0845	6.4209	0.1644	0.0108	442.5	1.2869	0.0976	6.5234	0.1627	0.0123	-15.0834	15.0835	+
445.0	1.2938	0.1107	6.6259	0.1611	0.0137	447.5	1.2787	0.1267	6.6343	0.1588	0.0157	-21.0934	21.0933	+
450.0	1.2636	0.1428	6.6008	0.1566	0.0177	452.5	1.237	0.1626	6.6402	0.1567	0.0202	-26.7897	26.7898	+
455.0	1.2112	0.1824	6.6284	0.1509	0.0227	457.5	1.1642	0.2064	6.523	0.147	0.0261	-33.3198	33.3198	+
460.0	1.1173	0.2305	6.4135	0.1439	0.0297	462.5	1.0463	0.2587	6.1743	0.1398	0.0345	-39.0627	39.0626	+
465.0	0.9752	0.287	5.9352	0.1355	0.0398	467.5	0.8711	0.3221	5.495	0.1302	0.0481	-47.7965	47.7965	+
470.0	0.7671	0.3571	5.0548	0.1241	0.0578	472.5	0.6654	0.4019	4.5943	0.1175	0.0709	-50.2269	50.2269	+
475.0	0.5637	0.4467	4.1338	0.1095	0.0868	477.5	0.4736	0.502	3.6966	0.1013	0.1074	-50.0921	50.0921	+
480.0	0.3834	0.5572	3.2595	0.0912	0.1326	482.5	0.3091	0.6215	2.8779	0.0811	0.1631	-47.3362	47.3362	+
485.0	0.2347	0.6858	2.4962	0.0687	0.2007	487.5	0.1828	0.7685	2.2001	0.058	0.2438	-43.3486	43.3486	+
490.0	0.131	0.8513	1.9039	0.0453	0.2949	492.5	0.0958	0.9602	1.6823	0.035	0.3506	-40.6317	40.6317	+
495.0	0.0607	1.0692	1.4607	0.0324	0.4126	497.5	0.0406	1.209	1.2983	0.0159	0.4744	-38.0989	38.0989	+
500.0	0.0204	1.3489	1.1359	0.0081	0.5384	502.5	0.0152	1.5335	1.0157	0.0059	0.5979	-37.4206	37.4206	+
505.0	0.0101	1.718	0.8955	0.0038	0.6547	507.5	0.0248	1.9303	0.7847	0.009	0.7045	-39.2843	39.2843	+
510.0	0.0396	2.1427	0.6739	0.0138	0.7501	512.5	0.0823	2.3795	0.5772	0.0271	0.8289	-40.8413	40.8413	+
515.0	0.1251	2.6162	0.4804	0.0388	0.8119	517.5	0.1999	2.85	0.4101	0.0577	0.8236	-39.2606	39.2605	+
520.0	0.2748	3.0838	0.3398	0.0743	0.8337	522.5	0.3777	3.281	0.2954	0.0955	0.8297	-37.4334	37.4333	+
525.0	0.4806	3.4783	0.251	0.1141	0.8261	527.5	0.608	3.6471	0.208	0.146	0.8154	-40.0036	40.0036	+
530.0	0.7326	3.816	0.1866	0.1547	0.8058	532.5	0.8706	3.9522	0.1599	0.1747	0.7931	-43.0343	43.0343	+
535.0	1.0085	4.0884	0.1333	0.1928	0.7816	537.5	1.1592	4.1957	0.1124	0.212	0.7673	-47.2113	47.2113	+
540.0	1.3098	4.303	0.0915	0.2296	0.7543	542.5	1.4736	4.3828	0.0762	0.2483	0.7387	-52.6191	52.6191	+
545.0	1.6374	4.4625	0.061	0.2657	0.7243	547.5	1.8142	4.5168	0.0505	0.2842	0.7077	-59.0509	59.051	+
550.0	1.991	4.571	0.0401	0.3015	0.6923	552.5	2.1825	4.6034	0.0334	0.32	0.671	-66.8959	66.8959	+
555.0	2.3739	4.6357	0.0266	0.3373	0.6588	557.5	2.5773	4.6449	0.0224	0.3557	0.641	-75.144	75.1438	+
560.0	2.7808	4.6541	0.0182	0.373	0.6244	562.5	2.9911	4.6362	0.0156	0.3913	0.6065	-83.515	83.5151	+
565.0	3.2015	4.6183	0.0129	0.4087	0.5895	567.5	3.415	4.5754	0.0114	0.4267	0.5717	-90.9183	90.9182	+
570.0	3.6284	4.5325	0.0099	0.444	0.5547	572.5	3.8374	4.4645	0.0093	0.4617	0.5371	-96.5783	96.5785	+
575.0	4.0463	4.3965	0.0086	0.4787	0.5201	577.5	4.2427	4.3506	0.0083	0.4958	0.5031	-99.5462	99.5457	+
580.0	4.4391	4.2148	0.0079	0.5124	0.4865	582.5	4.6104	4.1017	0.0074	0.5287	0.4704	-98.9773	98.9775	+
585.0	4.7818	3.9887	0.0068	0.5447	0.4544	587.5	4.9197	3.8596	0.0061	0.5599	0.4393	-94.4068	94.4067	+
590.0	5.0577	3.7366	0.0054	0.5751	0.4242	592.5	5.1547	3.592	0.0051	0.5889	0.4104	-85.9546	85.9546	+
595.0	5.2516	3.4535	0.0049	0.6029	0.3905	597.5	5.3879	3.3079	0.004	0.6186	0.3815	-77.0242	77.0242	+
600.0	5.3233	3.1623	0.004	0.6277	0.3724	602.5	5.3036	3.0133	0.0035	0.6474	0.3621	-59.0918	59.0914	+
605.0	5.2838	2.8642	0.003	0.6482	0.3513	607.5	5.1961	2.7135	0.0023	0.6567	0.3429	-44.0089	44.0087	+
610.0	5.1084	2.5628	0.0017	0.6657	0.334	612.5	4.9644	2.4146	0.0014	0.6726	0.3217	-31.4094	31.4096	+
615.0	4.8205	2.2664	0.0012	0.68	0.3193	617.5	4.6226	2.1197	0.0011	0.6854	0.3143	-20.9257	20.9257	+
620.0	4.4246	1.973	0.0009	0.6914	0.3087	622.5	4.1736	1.8244	0.0007	0.6957	0.3041	-13.1262	13.1262	+
625.0	3.9226	1.6757	0.0005	0.7005	0.2992	627.5	3.6515	1.5351	0.0003	0.7039	0.2959	-7.7716	7.7717	+
630.0	3.3804	1.3944	0.0002	0.7079	0.292	632.5	3.1273	1.2727	0.0002	0.7106	0.2892	-4.8474	4.84745	+
635.0	2.8742	1.1509	0.0001	0.714	0.2859	637.5	2.6343	1.0432	0.0001	0.7162	0.2836	-2.71181	2.71186	+
640.0	2.3943	0.9355	0.0001	0.719	0.2809	642.5	2.169	0.84	0.0	0.7207	0.2791	-1.44527	1.44527	+
645.0	1.9438	0.7445	0.0	0.723	0.2769	647.5	1.7415	0.6627	0.0	0.7243	0.2756	-0.678069	0.678062	+
650.0	1.5392	0.5809	0.0	0.7259	0.2739	652.5	1.3678	0.5136	0.0	0.7269	0.2729	-0.3218	0.321815	+
655.0	1.1965	0.4464	0.0	0.7282	0.2717	657.5	1.0527	0.3913	0.0	0.7289	0.2709	-0.140755	0.140753	+
660.0	0.909	0.3362	0.0	0.7299	0.27	662.5	0.7911	0.2919	0.0	0.7303	0.2695	-0.052074	0.0520734	+
665.0	0.6732	0.2476	0.0	0.731	0.2688	667.5	0.5811	0.2133	0.0	0.7313	0.2684	-0.022542	0.022542	+
670.0	0.4891	0.1738	0.0	0.7325	0.2679	672.5	0.4238	0.1549	0.0	0.7328	0.2669	-0.0084168	0.0084182	+
675.0	0.3585	0.1308	0.0	0.7325	0.2672	677.5	0.3121	0.1136	0.0	0.7328	0.2669	-0.0050511	0.0050148	+
680.0	0.2656	0.0965	0.0	0.7332	0.2665	682.5	0.2269	0.0823	0.0	0.7334	0.2662	-0.0032729	0.002373	+
685.0	0.1882	0.0682	0.0	0.7337	0.2658	687.5	0.1595	0.0577	0.0	0.7338	0.2656	-0.0006347	0.0006349	+
690.0	0.1308	0.0473	0.0	0.7339	0.2654	692.5	0.1113	0.0402	0.0	0.7339	0.2653	-0.000182	0.000182	+
695.0	0.0919	0.0332	0.0	0.734	0.2651	697.5	0.0791	0.0286	0.0	0.7339	0.2651	-0.0017368	0.0017368	+
700.0	0.0664	0.0239	0.0	0.7338	0.265	702.5	0.0598	0.0214	0.0027	0.7113	0.2546	-0.0125829	0.0125828	+
-495.0	0.0533	0.0188	0.0055	0.6852	0.2426	-497.5	0.0537	0.0184	0.0146	0.6187	0.2118	-0.0332459	0.0332459	+
-500.0	0.0541	0.0179	0.0237	0.5648	0.1868	-502.5	0.0544	0.0175	0.0294	0.5356	0.1731	-0.0211361	0.0211361	+
-505.0	0.0546	0.0172	0.0352	0.5095	0.1608	-507.5	0.0548	0.017	0.0393	0.4925	0.1529	-0.0151027	0.0151027	+
-510.0	0.055	0.0167	0.0435	0.4766	0.1455	-512.5	0.0551	0.0166	0.0466	0.4653	0.1403	-0.0114515	0.0114515	+
-515.0	0.0552	0.0164	0.0497	0.4545	0.1353	-517.5	0.0554	0.0163	0.0521	0.4467	0.1316	-0.0087605	0.0087605	+
-520.0	0.0555	0.0161	0.0545	0.4392	0.128	-522.5	0.0556	0.016	0.0566	0.4328	0.1252	-0.0076305	0.0076305	+
-525.0	0.0557	0.0159	0.0587	0.4267	0.1225	-527.5	0.0558	0.0158	0.0608	0.4207	0.1197	-0.007688	0.007688	+
-530.0	0.0559	0.0157	0.0629	0.419	0.117	-532.5	0.0559	0.0157	0.0652	0.4087	0.115	-0.0084615	0.0084615	+
-535.0	0.056	0.0154	0.0675	0.4207	0.1111	-537.5	0.0562	0.0153	0.0703	0.3958	0.108	-0.0100486	0.0100486	+
-540.0	0.0563	0.0152	0.073	0.3892	0.105	-542.5	0.0564	0.015	0.0765	0.3812	0.1014	-0.012634	0.0126341	

http://130.149.60.45/~farbmetrik/TN12/TN12L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 8/8

see similar files: <http://130.149.60.45/~farbmetrik/TN12/TN12L0NP.PDF> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Code	X ₁	Y ₁	Z ₁	X ₂	Y ₂	Code	X _m	Y _m	Z _m	X _m	TN	TP		
Q00	97.93	100.0	118.95	0.309	0.3155	382.5	0.011	0.0003	0.0523	0.1737	0.0049	-0.0210963	0.0211074	+
380.0	0.0084	0.0002	0.0398	0.1737	0.0049	387.5	0.0198	0.0005	0.0935	0.1737	0.0049	-0.0001033	0.0001034	+
385.0	0.0137	0.0003	0.0648	0.1737	0.0049	392.5	0.0361	0.001	0.1708	0.1735	0.0049	-0.0004784	0.0004784	+
390.0	0.0258	0.0007	0.1223	0.1736	0.0049	397.5	0.0662	0.0018	0.3138	0.1733	0.0048	-0.0010966	0.001096	+
395.0	0.0463	0.0013	0.2194	0.1734	0.0049	402.5	0.1123	0.0031	0.5334	0.1731	0.0047	-0.0060602	0.0060602	+
400.0	0.0861	0.0023	0.4083	0.1733	0.0047	407.5	0.1984	0.0055	0.9447	0.1727	0.0047	-0.0268526	0.0268554	+
405.0	0.1385	0.0038	0.6585	0.1729	0.0047	412.5	0.3578	0.01	1.7093	0.1722	0.0048	-0.0988121	0.0988082	+
410.0	0.2582	0.0071	1.2308	0.1725	0.0047	417.5	0.6219	0.0181	2.9826	0.1716	0.005	-0.466385	0.466385	+
415.0	0.4574	0.0128	2.1879	0.1717	0.0048	422.5	1.017	0.0329	4.9068	0.1707	0.0055	-2.3454	2.3454	+
420.0	0.7863	0.0234	3.7773	0.1714	0.0051	427.5	1.4425	0.0546	7.0137	0.1694	0.0064	-6.74487	6.74487	+
425.0	1.2478	0.0424	6.0362	0.1703	0.0057	432.5	1.7591	0.0816	8.6419	0.1678	0.0077	-14.6277	14.6276	+
430.0	1.6377	0.0669	7.9912	0.1688	0.0069	437.5	1.9302	0.1135	9.6113	0.1656	0.0097	-23.3744	23.3744	+
435.0	1.8808	0.0964	9.2926	0.1668	0.0085	442.5	1.9718	0.1494	9.937	0.1627	0.0123	-33.2323	33.2325	+
440.0	1.9796	0.1307	9.9301	0.1644	0.0108	447.5	1.9233	0.1904	9.9907	0.1588	0.0157	-44.8068	44.807	+
445.0	1.9639	0.1681	10.0574	0.1611	0.0137	452.5	1.8271	0.2398	9.8092	0.1538	0.0201	-54.7927	54.7928	+
450.0	1.8827	0.2128	9.9241	0.1566	0.0177	457.5	1.6878	0.2988	9.4513	0.1475	0.0261	-65.4127	65.4128	+
455.0	1.7714	0.2668	9.6944	0.1509	0.0227	462.5	1.4894	0.3677	8.7871	0.1399	0.0345	-73.4023	73.4026	+
460.0	1.6042	0.3309	9.2083	0.1439	0.0297	467.5	1.2181	0.4494	7.6808	0.1303	0.048	-85.8043	85.8043	+
465.0	1.3747	0.4045	8.366	0.1355	0.0398	472.5	0.9138	0.5506	6.3063	0.1175	0.0708	-86.3781	86.3782	+
470.0	1.0616	0.4942	6.9955	0.1241	0.0578	477.5	0.6388	0.6753	4.9831	0.1014	0.1072	-82.733	82.7329	+
475.0	0.766	0.607	5.6171	0.1095	0.0868	482.5	0.4095	0.821	3.8098	0.0812	0.1628	-75.3201	75.3201	+
480.0	0.5116	0.7435	4.349	0.0912	0.1326	487.5	0.238	0.9969	2.8601	0.0581	0.2434	-66.7037	66.7037	+
485.0	0.3075	0.8985	3.2705	0.0687	0.2007	492.5	0.1226	1.2231	2.1476	0.0351	0.3501	-60.6684	60.6684	+
490.0	0.1685	1.0952	2.4496	0.0453	0.2949	495.0	0.0618	1.5124	1.6276	0.026	0.4125	-55.4875	55.4965	+
495.0	0.0787	1.3509	1.8456	0.0234	0.4126	500.0	0.0253	1.6738	1.0935	0.0081	0.5384	-53.646	53.646	+
500.0	0.0253	1.6738	1.4095	0.0081	0.5384	505.0	0.0123	2.0937	0.4913	0.0038	0.6548	-56.2877	56.2878	+
505.0	0.0123	2.0937	1.0913	0.0038	0.6548	510.0	0.0474	2.5646	0.8066	0.0138	0.7501	-59.7189	59.7189	+
510.0	0.0474	2.5646	0.8066	0.0138	0.7501	515.0	0.1471	3.0756	0.5648	0.0388	0.8119	-60.1904	60.1904	+
515.0	0.1471	3.0756	0.5648	0.0388	0.8119	520.0	0.3173	3.5607	0.3924	0.0743	0.8337	-60.9713	60.9713	+
520.0	0.3173	3.5607	0.3924	0.0743	0.8337	525.0	0.545	3.9448	0.2847	0.1141	0.8631	-66.8331	66.8331	+
525.0	0.545	3.9448	0.2847	0.1141	0.8631	530.0	0.8161	4.2509	0.2079	0.1547	0.8058	-71.5234	71.5234	+
530.0	0.8161	4.2509	0.2079	0.1547	0.8058	535.0	1.1036	4.4736	0.1459	0.1928	0.7616	-77.6614	77.6613	+
535.0	1.1036	4.4736	0.1459	0.1928	0.7616	540.0	1.4078	4.6249	0.0984	0.2296	0.7543	-85.1809	85.1809	+
540.0	1.4078	4.6249	0.0984	0.2296	0.7543	545.0	1.7287	4.7114	0.0644	0.2657	0.7243	-93.4811	93.4812	+
545.0	1.7287	4.7114	0.0644	0.2657	0.7243	550.0	2.0648	4.7405	0.0416	0.3015	0.6923	-102.992	102.992	+
550.0	2.0648	4.7405	0.0416	0.3015	0.6923	555.0	2.4184	4.7225	0.0271	0.3373	0.6588	-112.103	112.103	+
555.0	2.4184	4.7225	0.0271	0.3373	0.6588	560.0	2.7827	4.6573	0.0182	0.373	0.6244	-120.457	120.457	+
560.0	2.7827	4.6573	0.0182	0.373	0.6244	565.0	3.147	4.5396	0.0127	0.4087	0.5895	-126.656	126.657	+
565.0	3.147	4.5396	0.0127	0.4087	0.5895	570.0	3.5265	4.3734	0.0086	0.4451	0.5719	-129.878	129.877	+
570.0	3.5265	4.3734	0.0086	0.4451	0.5547	575.0	3.8379	4.1699	0.0081	0.4787	0.5201	-129.182	129.182	+
575.0	3.8379	4.1699	0.0081	0.4787	0.5201	580.0	4.1358	3.9268	0.0074	0.5124	0.4865	-123.93	123.93	+
580.0	4.1358	3.9268	0.0074	0.5124	0.4865	585.0	4.3761	3.6503	0.0062	0.5447	0.4544	-114.053	114.053	+
585.0	4.3761	3.6503	0.0062	0.5447	0.4544	590.0	4.5465	3.3535	0.0048	0.5751	0.4242	-100.173	100.173	+
590.0	4.5465	3.3535	0.0048	0.5751	0.4242	595.0	4.637	3.0493	0.0043	0.6029	0.3964	-80.7982	80.7982	+
595.0	4.637	3.0493	0.0043	0.6029	0.3964	600.0	4.6167	2.7425	0.0034	0.627	0.3724	-64.1119	64.1119	+
600.0	4.6167	2.7425	0.0034	0.627	0.3724	605.0	4.5009	2.4398	0.0025	0.6482	0.3513	-46.0788	46.079	+
605.0	4.5009	2.4398	0.0025	0.6482	0.3513	610.0	4.2739	2.1442	0.0014	0.6657	0.334	-31.7065	31.7065	+
610.0	4.2739	2.1442	0.0014	0.6657	0.334	615.0	3.961	1.8623	0.001	0.68	0.3197	-20.3704	20.3705	+
615.0	3.961	1.8623	0.001	0.68	0.3197	620.0	3.5707	1.5922	0.0007	0.6914	0.3083	-12.3328	12.3327	+
620.0	3.5707	1.5922	0.0007	0.6914	0.3083	625.0	3.1088	1.3281	0.0004	0.7005	0.2992	-7.13142	7.1314	+
625.0	3.1088	1.3281	0.0004	0.7005	0.2992	630.0	2.631	1.0853	0.0002	0.7078	0.292	-4.14608	4.14613	+
630.0	2.631	1.0853	0.0002	0.7078	0.292	635.0	2.1967	0.8796	0.0001	0.714	0.2859	-2.8332	2.8333	+
635.0	2.1967	0.8796	0.0001	0.714	0.2859	640.0	1.797	0.7021	0.0	0.719	0.2809	-1.17363	1.17363	+
640.0	1.797	0.7021	0.0	0.719	0.2809	645.0	1.4324	0.5486	0.0	0.7229	0.2769	-0.531184	0.531197	+
645.0	1.4324	0.5486	0.0	0.7229	0.2769	650.0	1.1137	0.4203	0.0	0.7259	0.2739	-0.242752	0.242753	+
650.0	1.1137	0.4203	0.0	0.7259	0.2739	655.0	0.85	0.3171	0.0	0.7282	0.2717	-0.102343	0.102339	+
655.0	0.85	0.3171	0.0	0.7282	0.2717	660.0	0.634	0.2345	0.0	0.7298	0.2699	-0.0364923	0.0364894	+
660.0	0.634	0.2345	0.0	0.7298	0.2699	665.0	0.4609	0.1695	0.0	0.7309	0.2688	-0.0152235	0.015223	+
665.0	0.4609	0.1695	0.0	0.7309	0.2688	670.0	0.3287	0.1203	0.0	0.7318	0.2679	-0.0062575	0.0062575	+
670.0	0.3287	0.1203	0.0	0.7318	0.2679	675.0	0.2365	0.0862	0.0	0.7324	0.2671	-0.0031435	0.0031436	+
675.0	0.2365	0.0862	0.0	0.7324	0.2671	680.0	0.172	0.0625	0.0	0.7331	0.2664	-0.001433	0.0014328	+
680.0	0.172	0.0625	0.0	0.7331	0.2664	685.0	0.1196	0.0433	0.0	0.7335	0.2657	-0.0003691	0.0003692	+
685.0	0.1196	0.0433	0.0	0.7335	0.2657	690.0	0.0815	0.0295	0.0	0.7336	0.2652	-0.0001019	0.0001019	+
690.0	0.0815	0.0295	0.0	0.7337	0.2653	695.0	0.0562	0.0203	0.0	0.7336	0.2649	-0.0278949	0.0278875	+
695.0	0.0562	0.0203	0.0	0.7336	0.265	700.0	0.0398	0.0144	0.0	0.7333	0.2647	-0.00045076	0.00045076	+
700.0	0.0398	0.0144	0.0	0.7333	0.2648	705.0	0.0281	0.0101	0.0	0.7332	0.2645	-0.0000388	0.0000384	+
705.0	0.0281	0.0101	0.0	0.7327	0.2646	710.0	0.0098	0.0071	0.0	0.7324	0.2641	-0.0000306	0.0000305	+
710.0	0.0098	0.0071	0.0	0.7319	0.2643	715.0	0.0039	0.005	0.0	0.7313	0.2636	-0.000037	0.000037	+
715.0	0.0039	0.005	0.0	0.7308	0.2639	720.0	0.0096	0.0035	0.0	0.7291	0.2629	-2.79e-05	2.81e-05	+
720.0														

http://130.149.60.45/~farbmetrik/TN12/TN12L0NP.PDF /.PS; start output
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technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Code	X ₁₀₁	Y ₁₀₁	Z ₁₀₁	X ₁₀₁	Y ₁₀₁	Code	X _{10m}	Y _{10m}	Z _{10m}	X _{10m}	TN	TP		
D65	94.81	100.0	107.33	0.1337	0.3309	382.5	0.0009	0.0	0.004	0.1774	0.0191	-0.0003146	0.0003146	+
380.0	0.0003	0.0	0.0015	0.1722	0.0186	387.5	0.0035	0.0003	0.0156	0.1795	0.0192	-0.0052072	0.0052074	+
385.0	0.0014	0.0001	0.0065	0.1787	0.0193	392.5	0.0134	0.0014	0.0601	0.1794	0.019	-0.0001314	0.0001314	+
390.0	0.0055	0.0005	0.0246	0.1797	0.0192	397.5	0.0447	0.0047	0.201	0.1785	0.0187	-0.0020172	0.0020171	+
395.0	0.0214	0.0022	0.0956	0.1793	0.019	402.5	0.1153	0.012	0.5225	0.1774	0.0184	-0.0185718	0.0185713	+
400.0	0.068	0.0071	0.3064	0.1783	0.0187	407.5	0.2481	0.0256	1.1359	0.176	0.0182	-0.126539	0.126534	+
405.0	0.1626	0.0168	0.7387	0.1771	0.0184	412.5	0.4466	0.046	2.0737	0.174	0.0179	-0.626694	0.626686	+
410.0	0.3336	0.0344	1.5331	0.1754	0.0181	417.5	0.6907	0.0717	3.2613	0.1716	0.0178	-1.88054	1.88058	+
415.0	0.5596	0.0575	2.6142	0.1731	0.0178	422.5	0.924	0.1001	4.4404	0.169	0.0183	-4.39679	4.39679	+
420.0	0.8218	0.0859	3.9085	0.1706	0.0178	427.5	1.1001	0.1293	5.384	0.1663	0.0195	-7.35251	7.3526	+
425.0	1.0262	0.1143	4.9723	0.1678	0.0187	432.5	1.3243	0.1743	6.6048	0.1634	0.0215	-11.9166	11.9165	+
430.0	1.174	0.1443	5.7957	0.1651	0.0202	437.5	1.6032	0.2423	8.147	0.1604	0.0242	-21.9146	21.9146	+
435.0	1.4745	0.2044	7.4139	0.1621	0.0224	440.0	1.7882	0.3187	9.773	0.1571	0.0279	-34.6057	34.6057	+
440.0	1.8453	0.2802	9.6744	0.1553	0.03	447.5	1.9589	0.4034	9.8596	0.153	0.0332	-51.8142	51.8137	+
445.0	1.8663	0.4503	10.0429	0.1509	0.0364	452.5	1.7995	0.4936	9.8224	0.1485	0.0407	-64.6577	64.6577	+
450.0	1.8663	0.4503	10.0429	0.1509	0.0364	457.5	1.6325	0.5934	9.2246	0.1425	0.0518	-85.1482	85.1479	+
455.0	1.7327	0.537	9.6019	0.1459	0.0452	462.5	1.4019	0.7072	8.3144	0.1344	0.0678	-96.1314	96.1315	+
460.0	1.5323	0.6498	8.8474	0.1389	0.0589	467.5	1.1193	0.8401	7.1479	0.1229	0.0922	-116.759	116.759	+
465.0	1.2716	0.7646	7.814	0.1295	0.0778	472.5	0.812	1.0038	5.815	0.1064	0.1315	-124.152	124.152	+
470.0	0.967	0.9156	6.5144	0.1151	0.109	477.5	0.5292	1.1783	4.4831	0.0854	0.1903	-110.115	110.115	+
475.0	0.6569	1.0919	5.1156	0.0957	0.159	482.5	0.3	1.3523	3.3039	0.0605	0.2728	-97.0838	97.0837	+
480.0	0.4015	1.2647	3.8506	0.0727	0.2292	487.5	0.1371	1.5137	2.3506	0.0342	0.3782	-72.6324	72.6324	+
485.0	0.1986	1.4398	2.5753	0.0451	0.3275	492.5	0.0498	1.7219	1.6817	0.0144	0.4985	-61.7544	61.7545	+
490.0	0.0757	1.5875	1.7938	0.0209	0.4401	497.5	0.021	2.0127	1.2241	0.0068	0.6177	-54.4252	54.4252	+
495.0	0.024	1.8562	1.4196	0.0073	0.5624	502.5	0.045	2.3262	0.8862	0.0134	0.7147	-47.5484	47.5484	+
500.0	0.0179	2.1692	1.0285	0.0055	0.6718	507.5	0.0729	2.6487	1.0018	0.0164	0.8102	-45.7653	45.7654	+
505.0	0.0721	2.4832	0.7439	0.0218	0.7526	512.5	0.2	2.9753	1.4478	0.068	0.8099	-41.8953	41.8953	+
510.0	0.1737	2.8142	0.5195	0.0485	0.8023	517.5	0.4285	3.2859	0.325	0.106	0.8134	-44.2121	44.2121	+
515.0	0.3264	3.1364	0.3762	0.085	0.8169	522.5	0.6606	3.5988	0.2352	0.1469	0.8006	-49.7766	49.7766	+
520.0	0.5307	3.4354	0.2737	0.1251	0.8102	527.5	0.9433	3.9091	0.1689	0.1878	0.7784	-56.6704	56.6704	+
525.0	0.7905	3.7623	0.1967	0.1664	0.7921	532.5	1.2401	4.1348	0.1174	0.226	0.7525	-59.6714	59.6714	+
530.0	1.096	4.056	0.1411	0.207	0.7662	537.5	1.5401	4.2676	0.0776	0.2616	0.7251	-64.2491	64.2491	+
540.0	1.6927	4.3216	0.0614	0.2785	0.7112	542.5	1.8588	4.3628	0.0484	0.2964	0.6958	-71.8988	71.8989	+
545.0	2.0248	4.4039	0.0355	0.3132	0.6812	547.5	2.1979	4.4212	0.0266	0.3307	0.6652	-79.3859	79.3859	+
550.0	2.3709	4.4384	0.0178	0.3472	0.6501	552.5	2.5375	4.4118	0.0113	0.3645	0.6338	-87.006	87.006	+
555.0	2.7041	4.3851	0.0047	0.3811	0.6181	557.5	2.8693	4.3382	0.0023	0.3979	0.6016	-91.6013	91.6016	+
560.0	3.0345	4.2914	0.0	0.4142	0.5857	562.5	3.1943	4.2213	0.0	0.4307	0.5692	-96.4784	96.4784	+
565.0	3.3542	4.1512	0.0	0.4469	0.553	567.5	3.4977	4.0553	0.0	0.463	0.5369	-98.4446	98.4446	+
570.0	3.641	3.9594	0.0013	0.4781	0.5204	572.5	3.8714	3.8714	0.0	0.4955	0.5025	-96.714	96.714	+
575.0	3.9334	3.7845	0.0	0.5096	0.4903	577.5	4.0711	3.6832	0.0	0.5241	0.4758	-93.0388	93.0389	+
580.0	4.1808	3.5818	0.0	0.5385	0.4481	582.5	4.2215	3.4286	0.0	0.5518	0.4481	-84.3809	84.3809	+
585.0	4.2621	3.2754	0.0	0.5654	0.4345	587.5	4.2656	3.1213	0.0	0.5774	0.4225	-71.7371	71.7371	+
590.0	4.269	2.9671	0.0	0.5899	0.41	592.5	4.3138	2.8675	0.0	0.6006	0.3992	-59.938	59.9382	+
595.0	4.3586	2.6788	0.0	0.6116	0.3883	597.5	4.3558	2.6586	0.0	0.6209	0.379	-50.2411	50.2408	+
600.0	4.3529	2.5494	0.0	0.6306	0.3693	602.5	4.2806	2.4221	0.0	0.6386	0.3613	-39.6829	39.6829	+
605.0	4.2084	2.2949	0.0	0.6471	0.3528	607.5	4.0907	2.1653	0.0	0.6538	0.3461	-29.5588	29.5588	+
610.0	3.9731	2.0357	0.0	0.6612	0.3387	612.5	3.7988	1.8981	0.0	0.6668	0.3331	-20.5774	20.5774	+
615.0	3.6245	1.7606	0.0	0.673	0.3269	617.5	3.428	1.6314	0.0	0.6775	0.3224	-13.0998	13.0999	+
620.0	3.2314	1.5023	0.0	0.6826	0.3173	622.5	3.0044	1.3756	0.0	0.6859	0.314	-7.31107	7.31101	+
625.0	2.7773	1.249	0.0	0.6897	0.3102	627.5	2.5491	1.1326	0.0	0.6923	0.3076	-4.11346	4.11343	+
630.0	2.3209	1.0161	0.0	0.6954	0.3045	632.5	2.1217	0.918	0.0	0.698	0.3019	-2.72418	2.7242	+
635.0	1.9226	0.8199	0.0	0.701	0.2989	637.5	1.7185	0.7337	0.0	0.7031	0.2967	-1.58359	1.58357	+
640.0	1.5544	0.6475	0.0	0.7058	0.294	642.5	1.3828	0.5708	0.0	0.7077	0.2921	-0.876648	0.876663	+
645.0	1.2112	0.494	0.0	0.7102	0.2897	647.5	1.0674	0.4322	0.0	0.7117	0.2882	-0.412483	0.412487	+
650.0	0.9236	0.3704	0.0	0.7136	0.2862	652.5	0.8138	0.3251	0.0	0.7144	0.2854	-0.126972	0.126976	+
655.0	0.7041	0.2798	0.0	0.7155	0.2843	657.5	0.6153	0.2439	0.0	0.716	0.2838	-0.0474872	0.0474863	+
660.0	0.5266	0.208	0.0	0.7167	0.2831	662.5	0.4593	0.181	0.0	0.7171	0.2826	-0.0218448	0.0218443	+
665.0	0.392	0.154	0.0	0.7177	0.282	667.5	0.3399	0.1333	0.0	0.718	0.2817	-0.0103631	0.0103631	+
670.0	0.2877	0.1126	0.0	0.7185	0.2811	672.5	0.2439	0.0953	0.0	0.7187	0.2809	-0.0037419	0.0037419	+
675.0	0.2001	0.078	0.0	0.7191	0.2805	677.5	0.1689	0.0658	0.0	0.7192	0.2803	-0.0013264	0.0013263	+
680.0	0.1376	0.0535	0.0	0.7194	0.28	682.5	0.1143	0.0445	0.0	0.7194	0.2799	-0.0002288	0.0002289	+
685.0	0.0911	0.0354	0.0	0.7194	0.2797	687.5	0.0754	0.0293	0.0	0.7193	0.2796	-0.0855624	0.0855773	+
690.0	0.0598	0.0232	0.0	0.7192	0.2795	692.5	0.0509	0.0197	0.0	0.7191	0.2794	-0.0300258	0.0300034	+
695.0	0.0421	0.0163	0.0	0.719	0.2792	697.5	0.0349	0.0139	0.0	0.7189	0.2792	-0.0011559	0.0011559	+
700.0	0.0308	0.0114	0.0	0.7272	0.2703	702.5	0.0257	0.0097	0.0	0.7234	0.2737	-0.0005685	-0.0005685	+
705.0	0.0207	0.008	0.0	0.7177	0.2787	707.5	0.0176	0.0068	0.0	0.7173	0.2785	0.000949	-0.000948	+
710.0	0.0145	0.0056	0.0	0.7167	0.2783	712.5	0.0118	0.0046	0.0	0.7158	0.278	-0.0010966	-0.0010966	+
715.0	0.0092	0.0035	0.0	0.7145	0.2776	717.5	0.0074	0.0029	0.0	0.7132	0.2772	-0.0014354	-0.0014355	+
720.0	0.0057	0.0022	0.0	0.711	0.2766	722.5	0.005	0.0019	0.0	0.7096	0.2761	-0.0004194	-0.0004194	+
725.0	0.0042	0.0016	0.0	0.7077	0.2755	727.5	0.0037	0.0014						

http://130.149.60.45/~farbmeterik/TN12/TN12L0NP.PDF /.PS; transfer output
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Code	X _{10,m}	Y _{10,m}	Z _{10,m}	X _{10,m}	Y _{10,m}	Z _{10,m}	X _{10,m}	Y _{10,m}	Z _{10,m}	TN	TP
D50	96.72	99.99	81.41	0.0007	0.164	0.3595					
380.0	0.0001	0.0	0.0007	0.164	0.3595					-8.19e-05	8.19e-05
385.0	0.0007	0.0	0.0034	0.1768	0.0178					-0.0015046	0.0015047
390.0	0.0003	0.0003	0.0137	0.1793	0.0192					-0.0422112	0.0422112
395.0	0.0125	0.0013	0.0561	0.1792	0.019					-0.0007061	0.0007061
400.0	0.0413	0.0043	0.1859	0.1783	0.0186					-0.0068894	0.0068898
405.0	0.1006	0.0104	0.4572	0.1771	0.0184					-0.0489759	0.0489759
410.0	0.2099	0.0216	0.9648	0.1754	0.0181					-0.252157	0.252159
415.0	0.3594	0.0369	1.6793	0.1731	0.0178					-0.795235	0.795242
420.0	0.5381	0.0562	2.559	0.1706	0.0178					-1.95883	1.95886
425.0	0.6837	0.0762	3.3129	0.1678	0.0187					-3.43329	3.43329
430.0	0.7977	0.098	3.938	0.165	0.0202					-5.93338	5.93338
435.0	1.04	0.1442	5.2295	0.1621	0.0224					-11.7547	11.7548
440.0	1.2587	0.2036	6.4537	0.159	0.0257					-19.6602	19.6602
445.0	1.3737	0.2653	7.2017	0.1553	0.03					-30.9346	30.9346
450.0	1.4176	0.3421	7.6287	0.1509	0.0364					-40.1902	40.19
455.0	1.3373	0.4144	7.4105	0.1459	0.0452					-54.7505	54.7507
460.0	1.2011	0.5093	6.9352	0.1389	0.0589					-63.9138	63.9138
465.0	1.0141	0.6098	6.2055	0.1295	0.0778					-80.3773	80.3773
470.0	0.784	0.7423	5.2816	0.1151	0.109					-88.3344	88.3344
475.0	0.5407	0.8988	4.2108	0.0957	0.159					-80.7938	80.7938
480.0	0.3357	1.0577	3.2202	0.0727	0.2292					-73.2338	73.2338
485.0	0.1684	1.2207	2.3377	0.0451	0.3275					-56.1279	56.1278
490.0	0.0652	1.3682	1.6752	0.0209	0.4401					-48.6156	48.6156
495.0	0.0337	1.5265	1.244	0.0073	0.5624					-43.5857	43.5857
500.0	0.016	1.734	0.917	0.0055	0.6745					-37.8297	37.8297
505.0	0.0651	1.9419	0.6716	0.0218	0.7526					-35.9284	35.9284
510.0	0.1587	2.5703	0.4744	0.0495	0.8023					-31.8707	31.8707
515.0	0.3029	2.911	0.3491	0.085	0.8169					-32.9393	32.9393
520.0	0.5012	3.2441	0.2585	0.1251	0.8102					-36.824	36.824
525.0	0.7556	3.5962	0.188	0.1664	0.7921					-41.5968	41.5968
530.0	1.0589	3.9189	0.1363	0.207	0.7662					-44.0784	44.0785
535.0	1.3528	4.1082	0.0915	0.2436	0.7398					-47.6483	47.6483
540.0	1.6657	4.2527	0.0604	0.2785	0.7112					-53.9396	53.9396
545.0	2.0102	4.3722	0.0352	0.3132	0.6812					-60.3289	60.329
550.0	2.3769	4.4497	0.0178	0.3472	0.6501					-67.1674	67.1674
555.0	2.7344	4.4343	0.0048	0.3811	0.6181					-71.6881	71.688
560.0	3.0927	4.3738	0.0	0.4142	0.5857					-76.5566	76.5568
565.0	3.443	4.261	0.0	0.4469	0.553					-79.2527	79.2524
570.0	3.755	4.0941	0.0	0.479	0.5198					-82.1519	82.1519
575.0	4.1007	3.9455	0.0	0.5096	0.4903					-77.4094	77.4094
580.0	4.399	3.7687	0.0	0.5385	0.4614					-71.6121	71.6121
585.0	4.5324	3.4832	0.0	0.5654	0.4345					-62.1647	62.1647
590.0	4.5865	3.1878	0.0	0.5899	0.41					-53.2924	53.2926
595.0	4.7557	3.02	0.0	0.6116	0.3883					-46.0029	46.0028
600.0	4.8161	2.8206	0.0	0.6306	0.3693					-37.2291	37.2292
605.0	4.7047	2.5655	0.0	0.6471	0.3528					-28.3109	28.3112
610.0	4.4878	2.2994	0.0	0.6612	0.3387					-20.1176	20.1176
615.0	4.1361	2.0091	0.0	0.673	0.3269					-13.0451	13.0451
620.0	3.7179	1.7284	0.0	0.6826	0.3174					-7.40756	7.40759
625.0	3.2246	1.4502	0.0	0.6897	0.3102					-4.24164	4.24167
630.0	2.7176	1.1898	0.0	0.6954	0.3045					-2.87341	2.8734
635.0	2.2834	0.9737	0.0	0.701	0.2989					-1.71791	1.71791
640.0	1.872	0.7798	0.0	0.7058	0.294					-0.96904	0.96904
645.0	1.4666	0.5982	0.0	0.7102	0.2897					-0.461887	0.46188
650.0	1.126	0.4516	0.0	0.7137	0.2862					-0.144775	0.144781
655.0	0.8682	0.345	0.0	0.7155	0.2843					-0.0554218	0.0554199
660.0	0.6572	0.2596	0.0	0.7167	0.2831					-0.0261096	0.0261096
665.0	0.495	0.1945	0.0	0.7177	0.2821					-0.0126605	0.01266
670.0	0.367	0.1436	0.0	0.7185	0.2812					-0.0046455	0.0046455
675.0	0.2568	0.1002	0.0	0.7191	0.2805					-0.0016653	0.0016653
680.0	0.1775	0.0691	0.0	0.7195	0.28					-0.0002878	0.0002877
685.0	0.1171	0.0455	0.0	0.7195	0.2798					-0.0001066	0.0001066
690.0	0.0764	0.0297	0.0	0.7194	0.2793					-0.037536	0.037536
695.0	0.0543	0.021	0.0	0.7193	0.2795					-0.001475	0.001475
700.0	0.0401	0.0149	0.0	0.7276	0.2705					-0.0007237	-0.0007237
705.0	0.0267	0.0103	0.0	0.7183	0.2789					-0.0011827	-0.0011827
710.0	0.0185	0.0072	0.0	0.7174	0.2786					-0.0013485	-0.0013485
715.0	0.0117	0.0045	0.0	0.7157	0.2781					-0.0017632	-0.0017632
720.0	0.0073	0.0028	0.0	0.7129	0.2773					-0.000513	-0.000513
725.0	0.0053	0.0021	0.0	0.7102	0.2765					-0.0004185	-0.0004185
730.0	0.0039	0.0015	0.0	0.7066	0.2755					-0.000265	-0.000265
735.0	0.0028	0.0011	0.0	0.7015	0.2738					-0.0001149	-0.0001149
740.0	0.002	0.0008	0.0	0.6947	0.2715					-5.64e-05	-5.64e-05
745.0	0.0013	0.0005	0.0	0.6819	0.2669					-3.44e-05	-3.44e-05
750.0	0.0008	0.0003	0.0	0.6629	0.2599					-1.4e-05	-1.4e-05
755.0	0.0005	0.0002	0.0	0.6322	0.2484					-4.1e-06	-4.1e-06
760.0	0.0003	0.0001	0.0	0.5861	0.2306					-2.6e-06	-2.6e-06
765.0	0.0002	0.0001	0.0	0.5701	0.2247					-2e-06	-2e-06
770.0	0.0002	0.0	0.0	0.549	0.2168					0.0	0.0
775.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0

TN120-7N1016

TUB-test chart TN12; Continuous hue data for 10°?
D50-CIEXYZ data; without/with purple data for Illuminant Eoutput: transfer to *rgb*_d

Code	X _{10,i}	Y _{10,i}	Z _{10,i}	X _{10,i}	Y _{10,i}	Code	X _{10,m}	Y _{10,m}	Z _{10,m}	X _{10,m}	TN	TP		
D50	96.72	99.99	81.41	0.3477	0.3595									
380.0	0.0001	0.0	0.0007	0.164	0.0178	382.5	0.0004	0.0	0.0021	0.1744	0.0188	-8.19e-05	8.19e-05	+
385.0	0.0007	0.0	0.0034	0.1768	0.0178	387.5	0.0019	0.0002	0.0086	0.1788	0.0192	-0.0015046	0.0015047	+
390.0	0.003	0.0003	0.0137	0.1793	0.0192	392.5	0.0078	0.0008	0.0349	0.1792	0.019	-0.0422103	0.0422112	+
395.0	0.0125	0.0013	0.0561	0.1792	0.019	397.5	0.0269	0.0028	0.121	0.1785	0.0187	-0.0007061	0.0007061	+
400.0	0.0413	0.0043	0.1859	0.1783	0.0186	402.5	0.071	0.0073	0.3216	0.1774	0.0184	-0.0068894	0.0068898	+
405.0	0.1006	0.0104	0.4572	0.1771	0.0184	407.5	0.1553	0.016	0.711	0.1759	0.0182	-0.0489759	0.0489759	+
410.0	0.2099	0.0216	0.9648	0.1754	0.0181	412.5	0.2847	0.0293	1.3221	0.174	0.0179	-0.252157	0.252159	+
415.0	0.3594	0.0369	1.6793	0.1731	0.0178	417.5	0.4488	0.0466	2.1391	0.1716	0.0178	-0.795235	0.795242	+
420.0	0.5381	0.0562	2.559	0.1706	0.0178	422.5	0.6109	0.0662	2.9359	0.169	0.0183	-1.95883	1.95886	+
425.0	0.6837	0.0762	3.3129	0.1678	0.0187	427.5	0.7407	0.0871	3.6254	0.1663	0.0195	-3.43329	3.43329	+
430.0	0.7977	0.098	3.938	0.165	0.0202	432.5	0.9189	0.1121	4.5837	0.1633	0.0215	-5.93344	5.93348	+
435.0	1.04	0.1442	5.2295	0.1621	0.0224	437.5	1.1494	0.1739	5.8416	0.1604	0.0242	-11.7547	11.7548	+
440.0	1.2587	0.2036	6.4537	0.159	0.0257	442.5	1.3152	0.2345	6.8277	0.1573	0.0279	-19.6602	19.6602	+
445.0	1.3737	0.2653	7.2017	0.1553	0.03	447.5	1.3956	0.3037	7.3452	0.1531	0.0333	-30.9346	30.9346	+
450.0	1.4176	0.3421	7.6287	0.1509	0.0364	452.5	1.3774	0.3782	7.5196	0.1485	0.0407	-40.1902	40.19	+
455.0	1.3373	0.4144	7.4105	0.1459	0.0452	457.5	1.2692	0.4619	7.1728	0.1425	0.0518	-54.7505	54.7507	+
460.0	1.2011	0.5093	6.9352	0.1389	0.0589	462.5	1.1076	0.5596	6.5703	0.1344	0.0679	-63.9138	63.9138	+
465.0	1.0141	0.6098	6.2055	0.1295	0.0778	467.5	0.899	0.676	5.7435	0.1228	0.0923	-80.3773	80.3773	+
470.0	0.784	0.7423	5.2816	0.1151	0.109	472.5	0.6624	0.8206	4.7462	0.1063	0.1317	-88.3344	88.3344	+
475.0	0.5407	0.8988	4.2108	0.0957	0.159	477.5	0.4382	0.9782	3.7155	0.0853	0.1906	-80.7938	80.7938	+
480.0	0.3357	1.0577	3.2202	0.0727	0.2292	482.5	0.2521	1.1392	2.779	0.0604	0.2731	-73.2338	73.2338	+
485.0	0.1684	1.2207	2.3377	0.0451	0.3275	487.5	0.1168	1.2944	2.0605	0.0341	0.3787	-56.1279	56.1278	+
490.0	0.0652	1.3682	1.6752	0.0209	0.4401	492.5	0.0431	1.4973	1.4596	0.0143	0.499	-48.6156	48.6156	+
495.0	0.0211	1.6265	1.244	0.0073	0.5624	497.5	0.0185	1.7083	1.0805	0.0064	0.6182	-43.5857	43.5857	+
500.0	0.016	1.934	0.917	0.0055	0.6745	502.5	0.0405	2.0808	0.7943	0.0318	0.7143	-37.8297	37.8297	+
505.0	0.0651	1.9419	0.6716	0.0218	0.7526	507.5	0.2461	2.4082	1.7173	0.0652	0.813	-35.9284	35.9284	+
510.0	0.1587	2.5703	0.4744	0.0495	0.8023	512.5	0.2308	2.7406	1.4118	0.0687	0.81	-31.8707	31.8707	+
515.0	0.3029	2.911	0.3491	0.085	0.8169	517.5	0.402	3.0775	1.3038	0.1062	0.8133	-32.9393	32.9393	+
520.0	0.5012	3.2441	0.2585	0.1251	0.8102	522.5	0.6284	3.4202	0.2322	0.1471	0.8006	-36.824	36.824	+
525.0	0.7556	3.5962	0.1868	0.1664	0.7921	527.5	0.9073	3.7576	0.1621	0.1879	0.7784	-41.5968	41.5968	+
530.0	1.0589	3.9189	0.1363	0.207	0.7662	532.5	1.2058	4.0135	0.1139	0.226	0.7525	-44.0784	44.0785	+
535.0	1.3528	4.1082	0.0915	0.2436	0.7398	537.5	1.5092	4.1804	0.0759	0.2617	0.725	-47.6483	47.6483	+
540.0	1.6657	4.2527	0.0604	0.2785	0.7112	542.5	1.838	4.3125	0.0478	0.2965	0.6957	-53.3996	53.3996	+
545.0	2.0102	4.3722	0.0352	0.3132	0.6812	547.5	2.1936	4.4109	0.0265	0.3307	0.6651	-60.3289	60.3289	+
550.0	2.3769	4.4497	0.0178	0.3472	0.6501	552.5	2.5557	4.442	0.0113	0.3646	0.6337	-67.1674	67.1674	+
555.0	2.7344	4.4343	0.0048	0.3811	0.6181	557.5	2.9136	4.404	0.0024	0.398	0.6016	-71.6881	71.6881	+
560.0	3.0927	4.3738	0.0	0.4142	0.5857	562.5	3.2679	4.3176	0.0	0.4308	0.5691	-76.5566	76.5568	+
565.0	3.443	4.261	0.0	0.4469	0.553	567.5	3.6044	4.1774	0.0	0.4631	0.5368	-79.2527	79.2524	+
570.0	3.765	4.0941	0.0	0.479	0.5209	572.5	3.9488	4.0198	0.0	0.4954	0.5054	-81.7159	81.7162	+
575.0	4.1007	3.9455	0.0	0.5096	0.4903	577.5	4.2498	3.8571	0.0	0.5242	0.4757	-77.4093	77.4094	+
580.0	4.399	3.7687	0.0	0.5385	0.4614	582.5	4.4657	3.626	0.0	0.5518	0.4481	-71.6122	71.6121	+
585.0	4.5324	3.4832	0.0	0.5654	0.4345	587.5	4.5595	3.3355	0.0	0.5775	0.4224	-62.1647	62.1647	+
590.0	4.5865	3.1878	0.0	0.5899	0.41	592.5	4.6711	3.1039	0.0	0.6007	0.3992	-55.2924	55.2926	+
595.0	4.7557	3.02	0.0	0.6106	0.3883	597.5	4.7859	2.9203	0.0	0.621	0.3789	-46.0029	46.0028	+
600.0	4.8161	2.8206	0.0	0.6306	0.3693	602.5	4.7604	2.6931	0.0	0.6386	0.3613	-37.2291	37.2292	+
605.0	4.7047	2.5655	0.0	0.6417	0.3528	607.5	4.5962	2.4325	0.0	0.6539	0.346	-28.3109	28.3112	+
610.0	4.4878	2.2994	0.0	0.6612	0.3387	612.5	4.3119	2.1542	0.0	0.6668	0.3331	-20.1176	20.1176	+
615.0	4.1361	2.0091	0.0	0.673	0.3269	617.5	3.927	1.8687	0.0	0.6775	0.3224	-13.0451	13.0451	+
620.0	3.7179	1.7284	0.0	0.6826	0.3173	622.5	3.4712	1.5893	0.0	0.6859	0.314	-7.4075	7.40759	+
625.0	3.2246	1.4502	0.0	0.6897	0.3103	627.5	2.9711	1.32	0.0	0.6923	0.3076	-4.2474	4.2474	+
630.0	2.7176	1.183	0.0	0.6954	0.3045	632.5	2.4915	1.0818	0.0	0.6978	0.3018	-2.8167	2.8167	+
635.0	2.2384	0.9737	0.0	0.701	0.2982	637.5	2.0777	0.8768	0.0	0.7032	0.2967	-1.7791	1.7791	+
640.0	1.872	0.7798	0.0	0.7058	0.294	642.5	1.6693	0.689	0.0	0.7077	0.2921	-0.969604	0.969604	+
645.0	1.4666	0.5982	0.0	0.7102	0.2897	647.5	1.2963	0.5249	0.0	0.7117	0.2882	-0.461887	0.46188	+
650.0	1.126	0.4516	0.0	0.7137	0.2862	652.5	0.9971	0.3983	0.0	0.7145	0.2854	-0.144775	0.144781	+
655.0	0.8682	0.345	0.0	0.7155	0.2843	657.5	0.7627	0.3023	0.0	0.716	0.2838	-0.0554218	0.0554199	+
660.0	0.6572	0.2596	0.0	0.7167	0.2831	662.5	0.5761	0.227	0.0	0.7171	0.2826	-0.0261096	0.0261096	+
665.0	0.495	0.1945	0.0	0.7177	0.2821	667.5	0.431	0.1691	0.0	0.7181	0.2817	-0.0126605	0.01266	+
670.0	0.367	0.1436	0.0	0.7185	0.2812	672.5	0.3119	0.1219	0.0	0.7188	0.2809	-0.0046455	0.0046455	+
675.0	0.2568	0.1002	0.0	0.7191	0.2805	677.5	0.2171	0.0846	0.0	0.7193	0.2803	-0.0016653	0.0016653	+
680.0	0.1775	0.0691	0.0	0.7195	0.28	682.5	0.1473	0.0573	0.0	0.7195	0.2799	-0.0002878	0.0002877	+
685.0	0.1171	0.0455	0.0	0.7195	0.2798	687.5	0.0967	0.0376	0.0	0.7195	0.2797	-0.0001065	0.0001066	+
690.0	0.0764	0.0297	0.0	0.7194	0.2795	692.5	0.0653	0.0254	0.0	0.7194	0.2794	-0.037536	0.037536	+
695.0	0.0543	0.0193	0.0	0.7193	0.2793	697.5	0.0438	0.018	0.0	0.7193	0.2793	-0.0775	0.0775	+
700.0	0.0401	0.0149	0.0	0.7196	0.2793	702.5	0.0423	0.0153	0.0113	0.6124	0.2224	-0.0303387	0.0303387	+
-495.0	0.0445	0.0158	0.0226	0.5335	0.1904	-497.5	0.0449	0.0157	0.27	0.5117	0.179	-0.012524	0.0125239	+
-500.0	0.0454	0.0156	0.0314	0.4904	0.1698	-502.5	0.0458	0.0156	0.0345	0.4768	0.1624	-0.008684	0.008684	+
-505.0	0.0461	0.0155	0.0376	0.4642	0.1565	-507.5	0.0464	0.0155	0.0401	0.4545	0.1517	-0.0071311	0.0071311	+
-510.0	0.0467	0.0154	0.0426	0.4453	0.1472	-512.5	0.0469	0.0154	0.0446	0.4382	0.1439	-0.0056744	0.0056744	+
-515.0	0.0471	0.0153	0.0466	0.4315	0.1408	-517.5	0.0473	0.0153	0.0485	0.4254	0.1378	-0.0053768	0.0053768	+
-520.0	0.0475	0.0153	0.0504	0.4195	0.1349	-522.5	0.0478	0.0152	0.0425	0.4133	0.1319	-0.0058686	0.0058686	+
-525.0	0.048	0.0152	0.0546	0.4073	0.1289	-527.5	0.0483	0.0151	0.0569	0.4007	0.1258	-0.0067998	0.0067997	+
-530.0	0.0485	0.0151	0.0593	0.3944	0.1228	-532.5	0.0489	0.015	0.0621	0.3875	0.1194	-0.0076711	0.0076711	+
-535.0	0.0492	0.0149	0.0648	0.381	0.1161	-537.5	0.0495	0.0149	0.0682	0.3731	0.1123	-0.009836	0.009836	+
-540.0	0.0499	0.0148	0.0717	0.3656	0.1088	-542.5	0.0504	0.0147	0.0765	0.3557	0.1041	-0.0138505	0.0138505	+
-545.0	0.051	0.0146	0.0813	0.3465	0.0998	-547.5	0.0518	0.0145						

http://130.149.60.45/~farbmetrik/TN12/TN12L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 3/8

see similar files: <http://130.149.60.45/~farbmetrik/TN12/TN12L0NP.PDF> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Code	X _{10,m}	Y _{10,m}	Z _{10,m}	X _{10,m}	Y _{10,m}	TN	TP
P40	X _{10,1}	Y _{10,1}	Z _{10,1}	X _{10,1}	Y _{10,1}		
380.0	0.0002	0.0	0.0001	0.1684	0.0182	382.5	0.0001446 +
385.0	0.001	0.0001	0.0045	0.1777	0.0192	387.5	0.0024095 +
390.0	0.0039	0.0004	0.0173	0.1795	0.0192	392.5	0.00518746 +
395.0	0.0126	0.0013	0.0563	0.1792	0.019	397.5	0.0005856 +
400.0	0.035	0.0036	0.1576	0.1783	0.0186	402.5	0.0047574 +
405.0	0.0835	0.0086	0.3792	0.177	0.0183	407.5	0.0326967 +
410.0	0.1708	0.0176	0.7851	0.1754	0.0181	412.5	0.167742 +
415.0	0.2965	0.0304	1.385	0.1731	0.0178	417.5	0.550583 +
420.0	0.4502	0.047	2.141	0.1706	0.0178	422.5	1.48759 +
425.0	0.6073	0.0676	2.9427	0.1678	0.0187	427.5	2.96858 +
430.0	0.7513	0.0923	3.7088	0.165	0.0202	432.5	4.96701 +
435.0	0.8871	0.123	4.4605	0.1621	0.0224	437.5	8.26031 +
440.0	0.9871	0.1597	5.0611	0.159	0.0257	442.5	12.1992 +
445.0	1.0304	0.199	5.402	0.1553	0.03	447.5	17.7495 +
450.0	1.0216	0.2465	5.4978	0.1509	0.0364	452.5	22.557 +
455.0	0.9764	0.3026	5.4109	0.1459	0.0452	457.5	31.6072 +
460.0	0.8877	0.3764	5.1257	0.1389	0.0589	462.5	38.3425 +
465.0	0.7688	0.4623	4.7045	0.1295	0.0778	467.5	50.7545 +
470.0	0.609	0.5766	4.1024	0.1151	0.109	472.5	57.7627 +
475.0	0.4233	0.7037	3.2969	0.0957	0.159	477.5	53.6658 +
480.0	0.2645	0.8332	2.5369	0.0727	0.2292	482.5	51.0591 +
485.0	0.1384	1.0032	1.9211	0.0451	0.3275	487.5	42.408 +
490.0	0.0558	1.1707	1.4335	0.0209	0.4401	492.5	38.1065 +
495.0	0.0045	1.3972	1.0686	0.0073	0.5624	497.5	34.0145 +
500.0	0.0137	1.665	0.7895	0.0055	0.6745	502.5	29.3527 +
505.0	0.0569	1.9615	0.5876	0.0218	0.7526	507.5	28.0075 +
510.0	0.1411	2.2858	0.4219	0.0495	0.8023	512.5	24.467 +
515.0	0.2741	2.6345	0.316	0.085	0.8169	517.5	24.8379 +
520.0	0.4607	2.9822	0.2376	0.1251	0.8102	522.5	26.9432 +
525.0	0.6895	3.2813	0.1715	0.1664	0.7921	527.5	28.9424 +
530.0	0.9588	3.5484	0.1234	0.207	0.7662	532.5	30.6448 +
535.0	1.2537	3.8074	0.0848	0.2436	0.7398	537.5	34.0145 +
540.0	1.5774	4.0274	0.0572	0.2785	0.7112	542.5	39.3139 +
545.0	1.919	4.1738	0.0336	0.3132	0.6812	547.5	44.254 +
550.0	2.2837	4.2752	0.0171	0.3472	0.6501	552.5	50.6147 +
555.0	2.6921	4.3656	0.0047	0.3811	0.6181	557.5	56.5033 +
560.0	3.1216	4.4146	0.0	0.4142	0.5857	562.5	63.2034 +
565.0	3.5575	4.4027	0.0	0.4469	0.553	567.5	68.6019 +
570.0	3.9845	4.3257	0.0	0.479	0.524	572.5	70.1425 +
575.0	4.3617	4.1966	0.0	0.5096	0.4903	577.5	69.6405 +
580.0	4.7001	4.0267	0.0	0.5385	0.4614	582.5	67.2057 +
585.0	5.029	3.8648	0.0	0.5654	0.4345	587.5	62.9301 +
590.0	5.286	3.674	0.0	0.5899	0.41	592.5	55.304 +
595.0	5.4093	3.435	0.0	0.6116	0.3883	597.5	46.496 +
600.0	5.4061	3.1662	0.0	0.6306	0.3693	602.5	37.1307 +
605.0	5.2806	2.8795	0.0	0.6471	0.3528	607.5	28.2189 +
610.0	5.0345	2.5795	0.0	0.6612	0.3387	612.5	20.2059 +
615.0	4.6779	2.2722	0.0	0.673	0.3269	617.5	13.3251 +
620.0	4.2417	1.972	0.0	0.6826	0.314	622.5	7.80701 +
625.0	3.7629	1.6923	0.0	0.6897	0.302	627.5	4.68109 +
630.0	3.2466	1.4214	0.0	0.6954	0.3045	632.5	3.21051 +
635.0	2.6977	1.1504	0.0	0.701	0.2989	637.5	1.87704 +
640.0	2.187	0.911	0.0	0.7078	0.294	642.5	1.06884 +
645.0	1.7498	0.7137	0.0	0.7102	0.2897	647.5	0.531452 +
650.0	1.3719	0.5501	0.0	0.7137	0.2862	652.5	0.168674 +
655.0	1.0488	0.4168	0.0	0.7155	0.2843	657.5	0.0634098 +
660.0	0.7862	0.3105	0.0	0.7167	0.2831	662.5	0.0289735 +
665.0	0.58	0.2279	0.0	0.7177	0.2821	667.5	0.0134792 +
670.0	0.4213	0.1648	0.0	0.7186	0.2812	672.5	0.0049495 +
675.0	0.3011	0.1174	0.0	0.7191	0.2805	677.5	0.0018534 +
680.0	0.2128	0.0828	0.0	0.7195	0.28	682.5	0.0003485 +
685.0	0.1494	0.0581	0.0	0.7196	0.2798	687.5	0.0001469 +
690.0	0.1043	0.0405	0.0	0.7196	0.2796	692.5	0.0541508 +
695.0	0.0725	0.0281	0.0	0.7195	0.2794	697.5	0.0020354 +
700.0	0.0524	0.0195	0.0	0.7279	0.2706	702.5	0.0385452 +
705.0	0.0346	0.0134	0.0	0.7187	0.2791	707.5	0.0015646 +
710.0	0.0239	0.0092	0.0	0.718	0.2783	712.5	-0.0019446 +
715.0	0.0165	0.0064	0.0	0.717	0.2786	717.5	-0.0030729 +
720.0	0.0114	0.0044	0.0	0.7154	0.2783	722.5	-0.0009292 +
725.0	0.0079	0.003	0.0	0.7132	0.2777	727.5	-0.0006739 +
730.0	0.0054	0.0021	0.0	0.7101	0.2768	732.5	-0.0003892 +
735.0	0.0038	0.0014	0.0	0.7059	0.2756	737.5	-0.0001575 +
740.0	0.0026	0.001	0.0	0.7	0.2736	742.5	-8.09e-05 +
745.0	0.0018	0.0007	0.0	0.692	0.2708	747.5	-5.84e-05 +
750.0	0.0013	0.0005	0.0	0.6811	0.2671	752.5	-2.98e-05 +
755.0	0.0009	0.0003	0.0	0.6664	0.2618	757.5	-1.19e-05 +
760.0	0.0006	0.0002	0.0	0.6473	0.2547	762.5	-7.2e-06 +
765.0	0.0004	0.0001	0.0	0.6223	0.2453	767.5	-3.9e-06 +
770.0	0.0003	0.0001	0.0	0.5908	0.2333	772.5	-1.9e-06 +
775.0	0.0002	0.0	0.0	0.5522	0.2185	777.5	0.0 +

TN120-7N1116

TUB-test chart TN12; Continuous hue data for 10°?
P40-CIEXYZ data; without/with purple data for Illuminant E

Code	X _{10,m}	Y _{10,m}	Z _{10,m}	X _{10,m}	Y _{10,m}	TN	TP
P40	X _{10,1}	Y _{10,1}	Z _{10,1}	X _{10,1}	Y _{10,1}		
380.0	0.0002	0.0	0.0001	0.1684	0.0182	382.5	-0.0001445 +
385.0	0.001	0.0001	0.0045	0.1777	0.0192	387.5	-0.0024091 +
390.0	0.0039	0.0004	0.0173	0.1795	0.0192	392.5	-0.00518765 +
395.0	0.0126	0.0013	0.0563	0.1792	0.019	397.5	-0.0005855 +
400.0	0.035	0.0036	0.1576	0.1783	0.0186	402.5	-0.0047569 +
405.0	0.0835	0.0086	0.3792	0.177	0.0183	407.5	-0.0326967 +
410.0	0.1708	0.0176	0.7851	0.1754	0.0181	412.5	-0.167742 +
415.0	0.2965	0.0304	1.385	0.1731	0.0178	417.5	-0.550591 +
420.0	0.4502	0.047	2.141	0.1706	0.0178	422.5	-1.48759 +
425.0	0.6073	0.0676	2.9427	0.1678	0.0187	427.5	-2.96858 +
430.0	0.7513	0.0923	3.7088	0.165	0.0202	432.5	-4.96701 +
435.0	0.8871	0.123	4.4605	0.1621	0.0224	437.5	-8.26031 +
440.0	0.9871	0.1597	5.0611	0.159	0.0257	442.5	-12.1993 +
445.0	1.0304	0.199	5.402	0.1553	0.03	447.5	-17.7495 +
450.0	1.0216	0.2465	5.4978	0.1509	0.0364	452.5	-22.557 +
455.0	0.9764	0.3026	5.4109	0.1459	0.0452	457.5	-31.6071 +
460.0	0.8877	0.3764	5.1257	0.1389	0.0589	462.5	-38.3425 +
465.0	0.7688	0.4623	4.7045	0.1295	0.0778	467.5	-50.7545 +
470.0	0.609	0.5766	4.1024	0.1151	0.109	472.5	-57.7627 +
475.0	0.4233	0.7037	3.2969	0.0957	0.159	477.5	-53.6658 +
480.0	0.2645	0.8332	2.5369	0.0727	0.2292	482.5	-51.0591 +
485.0	0.1384	1.0032	1.9211	0.0451	0.3275	487.5	-42.408 +
490.0	0.0558	1.1707	1.4335	0.0209	0.4401	492.5	-38.1065 +
495.0	0.0045	1.3972	1.0686	0.0073	0.5624	497.5	-34.0145 +
500.0	0.0137	1.665	0.7895	0.0055	0.6745	502.5	-29.3527 +
505.0	0.0569	1.9615	0.5876	0.0218	0.7526	507.5	-28.0075 +
510.0	0.1411	2.2858	0.4219	0.0495	0.8023	512.5	-24.467 +
515.0	0.2741	2.6345	0.316	0.085	0.8169	517.5	-24.8379 +
520.0	0.4607	2.9822	0.2376	0.1251	0.8102	522.5	-26.9432 +
525.0	0.6895	3.2813	0.1715	0.1664	0.7921	527.5	-28.9424 +
530.0	0.9588	3.5484	0.1234	0.207	0.7662	532.5	-30.6448 +
535.0	1.2537	3.8074	0.0848	0.2436	0.7398	537.5	-34.0145 +
540.0	1.5774	4.0274	0.0572	0.2785	0.7112	542.5	-39.3139 +
545.0	1.919	4.1738	0.0336	0.3132	0.6812	547.5	-44.254 +
550.0	2.2837	4.2752	0.0171	0.3472	0.6501	552.5	-50.6147 +
555.0	2.6921	4.3656	0.0047	0.3811	0.6181	557.5	-56.5033 +
560.0	3.1216	4.4146	0.0	0.4142	0.5857	562.5	-63.2034 +
565.0	3.5575	4.4027	0.0	0.4469	0.553	567.5	-68.6019 +
570.0	3.9845	4.3257	0.0	0.479	0.524	572.5	-70.1425 +
575.0	4.3617	4.1966	0.0	0.5096	0.4903	577.5	-69.6405 +
580.0	4.7001	4.0267	0.0	0.5385	0.4614	582.5	-67.2057 +
585.0	5.029	3.8648	0.0	0.5654	0.4345	587.5	-62.9301 +
590.0	5.286	3.674	0.0	0.5899	0.41	592.5	-55.304 +
595.0	5.4093	3.435	0.0	0.6116	0.3883	597.5	-46.496 +
600.0	5.4061	3.1662	0.0	0.6306	0.3693	602.5	-37.1307 +
605.0	5.2806	2.8795	0.0	0.6471	0.3528	607.5	-28.2189 +
610.0	5.0345	2.5795	0.0	0.6612	0.3387	612.5	-20.2059 +
615.0	4.6779	2.2722	0.0	0.673	0.3269	617.5	-13.3251 +

http://130.149.60.45/~farbmetrik/TN12/TN12L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 4/8

see similar files: <http://130.149.60.45/~farbmetrik/TN12/TN12L0NP.PDF> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Code	X _{10,m}	Y _{10,m}	Z _{10,m}	X _{10,m}	Y _{10,m}	Z _{10,m}	X _{10,m}	Y _{10,m}	Z _{10,m}	TN	TP
A00	111.15	99.99	35.19	0.4511	0.4059						
380.0	0.0	0.0	0.0003	0.1435	0.0155					-1.23e-05	1.23e-05
385.0	0.0003	0.0	0.0014	0.1711	0.0184					-0.0002231	0.0002231
390.0	0.0012	0.0001	0.0055	0.1778	0.019					-0.0053152	0.0053155
395.0	0.0042	0.0004	0.0189	0.1787	0.0189					-0.0662552	0.0662617
400.0	0.0123	0.0012	0.0555	0.1781	0.0186					-0.0005977	0.0005977
405.0	0.0307	0.0031	0.1398	0.1771	0.0183					-0.0045508	0.0045511
410.0	0.0658	0.0068	0.3025	0.1754	0.0181					-0.0255494	0.0255489
415.0	0.1191	0.0122	0.5567	0.1731	0.0178					-0.0932374	0.0932388
420.0	0.1886	0.0197	0.8969	0.1706	0.0178					-0.282448	0.282454
425.0	0.265	0.0295	1.2843	0.1678	0.0187					-0.622719	0.622711
430.0	0.3411	0.0419	1.684	0.165	0.0202					-1.14201	1.14199
435.0	0.4187	0.058	2.1052	0.1621	0.0224					-2.07727	2.07729
440.0	0.4838	0.0782	2.4809	0.159	0.0257					-3.32816	3.32814
445.0	0.5242	0.1012	2.7481	0.1553	0.03					-5.26231	5.26233
450.0	0.5389	0.13	2.9004	0.1509	0.0364					-7.23932	7.23935
455.0	0.5336	0.1653	2.9573	0.1459	0.0452					-10.9269	10.927
460.0	0.5022	0.2129	2.8998	0.1389	0.0589					-14.2126	14.2126
465.0	0.4499	0.2705	2.7534	0.1295	0.0778					-20.1677	20.1677
470.0	0.3684	0.3488	2.482	0.1151	0.109					-24.614	24.614
475.0	0.2646	0.4398	2.0605	0.0956	0.151					-24.4431	24.4431
480.0	0.1706	0.5375	1.6366	0.0727	0.2292					-24.769	24.769
485.0	0.0921	0.6676	1.2785	0.0451	0.3275					-21.8128	21.8128
490.0	0.0383	0.8032	0.9835	0.0209	0.44					-20.5984	20.5984
495.0	0.0128	0.9877	0.7534	0.0073	0.5624					-19.2627	19.2627
500.0	0.01	1.212	0.5747	0.0055	0.6765					-16.926	16.926
505.0	0.0426	1.4694	0.4402	0.0218	0.7526					-16.3256	16.3256
510.0	0.1087	1.761	0.3251	0.0495	0.8023					-13.7716	13.7716
515.0	0.2171	2.0865	0.2502	0.085	0.8169					-13.2315	13.2315
520.0	0.3749	2.4268	0.1934	0.1251	0.8102					-13.7648	13.7648
525.0	0.5761	2.7418	0.1433	0.1664	0.7921					-14.0935	14.0935
530.0	0.8223	3.0431	0.1058	0.207	0.7662					-14.9156	14.9156
535.0	1.103	3.3496	0.0746	0.2436	0.7398					-16.3532	16.3532
540.0	1.423	3.6332	0.0516	0.2785	0.7112					-19.2325	19.2324
545.0	1.7742	3.8588	0.0311	0.3132	0.6812					-22.0471	22.0471
550.0	2.1629	4.049	0.0162	0.3472	0.65					-26.0492	26.0492
555.0	2.6108	4.2338	0.0046	0.3811	0.6181					-29.9468	29.9468
560.0	3.0987	4.3822	0.0	0.4142	0.5857					-34.8002	34.8001
565.0	3.6128	4.4712	0.0	0.4469	0.553					-39.521	39.5211
570.0	4.1383	4.5247	0.0	0.4798	0.5207					-44.2463	44.2463
575.0	4.631	4.5557	0.0	0.5096	0.4903					-48.8206	48.8206
580.0	5.0999	4.3693	0.0	0.5385	0.4614					-44.1455	44.1455
585.0	5.574	4.2836	0.0	0.5654	0.4345					-43.1171	43.1169
590.0	5.9827	4.1582	0.0	0.5899	0.41					-39.4979	39.4978
595.0	6.2497	3.9686	0.0	0.6116	0.3883					-34.5889	34.589
600.0	6.3732	3.7326	0.0	0.6306	0.3693					-28.7518	28.7518
605.0	6.3504	3.463	0.0	0.6471	0.3528					-22.7308	22.7308
610.0	6.174	3.1634	0.0	0.6612	0.3387					-16.9194	16.9194
615.0	5.848	2.8406	0.0	0.673	0.3269					-11.5913	11.5913
620.0	5.4039	2.5123	0.0	0.6826	0.3139					-7.05078	7.05075
625.0	4.884	2.1965	0.0	0.6897	0.3102					-4.3866	4.3866
630.0	4.2916	1.879	0.0	0.6954	0.3045					-3.11969	3.11971
635.0	3.6308	1.5484	0.0	0.701	0.2989					-1.89021	1.89021
640.0	2.996	1.2481	0.0	0.7078	0.294					-1.11593	1.11593
645.0	2.4393	0.995	0.0	0.7102	0.2897					-0.573875	0.573864
650.0	1.9455	0.7802	0.0	0.7137	0.2862					-0.188442	0.188438
655.0	1.5127	0.6011	0.0	0.7155	0.2843					-0.0732536	0.0732479
660.0	1.153	0.4554	0.0	0.7167	0.2831					-0.0345935	0.0345935
665.0	0.8646	0.3398	0.0	0.7177	0.2821					-0.0166282	0.0166273
670.0	0.6383	0.2497	0.0	0.7186	0.2812					-0.0063037	0.0063042
675.0	0.4635	0.1808	0.0	0.7192	0.2805					-0.0024363	0.002436
680.0	0.3328	0.1295	0.0	0.7196	0.2801					-0.0004727	0.0004726
685.0	0.2373	0.0922	0.0	0.7197	0.2798					-0.0002053	0.0002055
690.0	0.1681	0.0653	0.0	0.7198	0.2796					-0.00780224	0.0077977
695.0	0.1186	0.046	0.0	0.7198	0.2795					-0.0030209	0.0030209
700.0	0.0871	0.0323	0.0	0.7283	0.2707					-0.0014849	-0.0014849
705.0	0.0584	0.0226	0.0	0.7193	0.2793					0.0024586	-0.0024605
710.0	0.0408	0.0158	0.0	0.7189	0.2792					0.003146	-0.0031478
715.0	0.0286	0.0111	0.0	0.7191	0.2791					0.0005138	-0.0005143
720.0	0.0201	0.0078	0.0	0.7173	0.279					0.0001597	-0.000159
725.0	0.0141	0.0054	0.0	0.716	0.2788					0.0001846	-0.0001845
730.0	0.0099	0.0038	0.0	0.7143	0.2784					0.0000703	-0.0000703
735.0	0.0069	0.0027	0.0	0.7118	0.2779					0.0000292	-0.0000291
740.0	0.0049	0.0019	0.0	0.7086	0.277					0.0000154	-0.0000154
745.0	0.0035	0.0013	0.0	0.7042	0.2756					0.0000141	-0.0000141
750.0	0.0025	0.0009	0.0	0.6982	0.2738					5.98e-05	-5.98e-05
755.0	0.0017	0.0007	0.0	0.6902	0.2712					2.45e-05	-2.45e-05
760.0	0.0012	0.0005	0.0	0.6797	0.2674					1.51e-05	-1.51e-05
765.0	0.0009	0.0003	0.0	0.6658	0.2624					8.5e-06	-8.5e-06
770.0	0.0006	0.0002	0.0	0.6477	0.2558					4.3e-06	-4.3e-06
775.0	0.0004	0.0001	0.0	0.6246	0.2472					0.0	0.0

TN120-7N1216

TUB-test chart TN12; Continuous hue data for 10°?
A00-CIEXYZ data; without/with purple data for Illuminant E
Output: transfer to *rgb*_d

input: *w/rgb/cmyk* -> *rgb*_d
Output: transfer to *rgb*_d

TN121-7N1216

Code	X _{10,m}	Y _{10,m}	Z _{10,m}	X _{10,m}	Y _{10,m}	Z _{10,m}	X _{10,m}	Y _{10,m}	Z _{10,m}	TN	TP
A00	111.15	99.99	35.19	0.4511	0.4059						
380.0	0.0	0.0	0.0003	0.1435	0.0155					-1.23e-05	1.23e-05
385.0	0.0003	0.0	0.0014	0.1711	0.0184					-0.0002231	0.0002231
390.0	0.0012	0.0001	0.0055	0.1778	0.019					-0.0053152	0.0053155
395.0	0.0042	0.0004	0.0189	0.1787	0.0189					-0.0662552	0.0662617
400.0	0.0123	0.0012	0.0555	0.1781	0.0186					-0.0005977	0.0005977
405.0	0.0307	0.0031	0.1398	0.1771	0.0183					-0.0045508	0.0045511
410.0	0.0658	0.0068	0.3025	0.1754	0.0181					-0.0255494	0.0255489
415.0	0.1191	0.0122	0.5567	0.1731	0.0178					-0.0932374	0.0932388
420.0	0.1886	0.0197	0.8969	0.1706	0.0178					-0.282448	0.282454
425.0	0.265	0.0295	1.2843	0.1678	0.0187					-0.622719	0.622711
430.0	0.3411	0.0419	1.684	0.165	0.0202					-1.14201	1.14199
435.0	0.4187	0.058	2.1052	0.1621	0.0224					-2.07727	2.07729
440.0	0.4838	0.0782	2.4809	0.159	0.0257					-3.32816	3.32814
445.0	0.5242	0.1012	2.7481	0.1553	0.03					-5.26231	5.26233
450.0	0.5389	0.13	2.9004	0.1509	0.0364					-7.23932	7.23935
455.0	0.5336	0.1653	2.9573	0.1459	0.0452					-10.9269	10.927
460.0	0.5022	0.2129	2.8998	0.1389	0.0589					-14.2126	14.2126
465.0	0.4499	0.2705	2.7534	0.1295	0.0778					-20.1677	20.1677
470.0	0.3684	0.3488	2.482	0.1151	0.109					-24.614	24.614
475.0	0.2646	0.4398	2.0605	0.0956	0.151					-24.4431	24.4431
480.0	0.1706	0.5375	1.6366	0.0727	0.2292					-24.769	24.769
485.0	0.0921	0.6676	1.2785	0.0451	0.3275					-21.8128	21.8128
490.0	0.0383	0.8032	0.9835	0.0209	0.44					-20.5984	20.5984
495.0	0.0128	0.9877	0.7534	0.0073	0.5624					-19.2627	19.2627
500.0	0.01	1.212	0.5747	0.0055	0.6765						

http://130.149.60.45/~farbmetrik/TN12/TN12L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 5/8

see similar files: <http://130.149.60.45/~farbmetrik/TN12/TN12L0NP.PDF> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Code	X _{10,m}	Y _{10,m}	Z _{10,m}	X _{10,m}	Y _{10,m}	TN	TP
E00	99.99	99.99	100.0	0.3333	0.3333		
380.0	0.0006	0.0	0.003	0.1766	0.0191	-0.0011715	0.0011713 +
385.0	0.0028	0.0003	0.0125	0.1797	0.0191	-0.0176299	0.0176299 +
390.0	0.0101	0.001	0.0449	0.18	0.0193	-0.0003396	0.0003396 +
395.0	0.031	0.0032	0.1386	0.1793	0.0193	-0.0034449	0.0034449 +
400.0	0.0819	0.0085	0.3686	0.1783	0.0187	-0.0251526	0.0251512 +
405.0	0.186	0.0193	0.8447	0.1771	0.0184	-0.155952	0.155952 +
410.0	0.3631	0.0375	1.6689	0.1754	0.0181	-0.728493	0.72847 +
415.0	0.6026	0.0619	2.815	0.1731	0.0178	-2.16222	2.16222 +
420.0	0.8764	0.0916	4.1681	0.1706	0.0179	-5.26807	5.26807 +
425.0	1.1344	0.1264	5.4967	0.1678	0.0187	-9.58167	9.58167 +
430.0	1.3487	0.1657	6.5582	0.165	0.0202	-14.7091	14.7089 +
435.0	1.533	0.2125	7.7083	0.1621	0.0224	-22.517	22.517 +
440.0	1.6445	0.266	8.4318	0.159	0.0257	-30.826	30.8276 +
445.0	1.6573	0.3201	8.6889	0.1553	0.03	-41.6195	41.6193 +
450.0	1.5888	0.3834	8.5496	0.1509	0.0364	-49.2839	49.2841 +
455.0	1.47	0.4555	8.1463	0.1459	0.0452	-64.6423	64.6422 +
460.0	1.2956	0.5494	7.4807	0.1389	0.0589	-73.7316	73.7316 +
465.0	1.089	0.6548	6.6642	0.1295	0.0778	-91.9587	91.9587 +
470.0	0.8383	0.7937	5.6472	0.1151	0.109	-98.8415	98.8416 +
475.0	0.567	0.9424	4.4154	0.0957	0.159	-87.0941	87.0941 +
480.0	0.345	1.0869	3.3092	0.0727	0.2292	-78.9008	78.9007 +
485.0	0.176	1.2759	2.4434	0.0541	0.3275	-62.8509	62.8509 +
490.0	0.0693	1.4533	1.7795	0.0209	0.4401	-54.8569	54.8569 +
495.0	0.0216	1.6946	1.136	0.0073	0.5624	-47.8137	47.8137 +
500.0	0.0163	1.9749	0.9364	0.0055	0.6745	-41.3948	41.3948 +
505.0	0.0061	2.2775	0.6823	0.00218	0.7526	-39.8362	39.8362 +
510.0	0.1605	2.6003	0.48	0.0495	0.8023	-36.3655	36.3654 +
515.0	0.3058	2.9388	0.3525	0.085	0.8169	-38.6001	38.6001 +
520.0	0.5044	3.265	0.2602	0.1251	0.8102	-42.8397	42.8397 +
525.0	0.7414	3.5286	0.1845	0.1664	0.7921	-46.8409	46.8409 +
530.0	1.0136	3.751	0.1305	0.207	0.7662	-49.1233	49.1233 +
535.0	1.3037	3.9593	0.0882	0.2436	0.7398	-54.2081	54.2082 +
540.0	1.6149	4.1231	0.0586	0.2785	0.7112	-61.5169	61.5169 +
545.0	1.9355	4.2096	0.0339	0.3132	0.6812	-67.9871	67.9871 +
550.0	2.2707	4.2508	0.017	0.3472	0.6501	-76.0095	76.0096 +
555.0	2.6405	4.2821	0.0046	0.3811	0.6181	-83.0823	83.0822 +
560.0	3.0224	4.2744	0.0	0.4142	0.5857	-90.8171	90.8171 +
565.0	3.4022	4.2105	0.0	0.4469	0.553	-96.2283	96.2283 +
570.0	3.756	4.0523	0.0	0.4781	0.5208	-96.1608	96.1608 +
575.0	4.0768	3.9225	0.0	0.5096	0.4903	-93.4167	93.4167 +
580.0	4.3468	3.724	0.0	0.5385	0.4614	-88.3071	88.3071 +
585.0	4.6044	3.5385	0.0	0.5654	0.4345	-81.0844	81.0847 +
590.0	4.7938	3.3319	0.0	0.5899	0.41	-69.9485	69.9486 +
595.0	4.8615	3.0871	0.0	0.6116	0.3883	-57.7847	57.7847 +
600.0	4.8174	2.8214	0.0	0.6306	0.3693	-45.3873	45.3875 +
605.0	4.6678	2.5454	0.0	0.6471	0.3528	-33.9587	33.9587 +
610.0	4.4166	2.2629	0.0	0.6612	0.3387	-23.9605	23.9604 +
615.0	4.0746	1.9792	0.0	0.673	0.3269	-15.5842	15.5842 +
620.0	3.67	1.7062	0.0	0.6826	0.3179	-9.01282	9.01282 +
625.0	3.2354	1.455	0.0	0.6897	0.3102	-5.33884	5.33887 +
630.0	2.7751	1.215	0.0	0.6954	0.3045	-3.62036	3.62039 +
635.0	2.2934	0.978	0.0	0.701	0.2989	-2.09448	2.09448 +
640.0	1.8498	0.7706	0.0	0.7078	0.294	-1.18214	1.18214 +
645.0	1.473	0.6008	0.0	0.7102	0.2897	-0.581947	0.581951 +
650.0	1.1499	0.4611	0.0	0.7137	0.2862	-0.183174	0.183167 +
655.0	0.8756	0.3479	0.0	0.7155	0.2843	-0.0683307	0.0683307 +
660.0	0.654	0.2583	0.0	0.7167	0.2831	-0.0310068	0.0310068 +
665.0	0.4808	0.189	0.0	0.7177	0.2821	-0.0143346	0.0143356 +
670.0	0.3482	0.1362	0.0	0.7185	0.2812	-0.0052337	0.0052337 +
675.0	0.2482	0.0968	0.0	0.7191	0.2805	-0.00195	0.00195 +
680.0	0.175	0.0681	0.0	0.7195	0.2799	-0.0003651	0.0003651 +
685.0	0.1226	0.0477	0.0	0.7195	0.2798	-0.0001533	0.0001533 +
690.0	0.0854	0.0332	0.0	0.7195	0.2796	-0.0056295	0.0563114 +
695.0	0.0593	0.023	0.0	0.7193	0.2793	-0.0021108	0.0021108 +
700.0	0.0428	0.0159	0.0	0.7227	0.2705	-0.0010054	0.0010054 +
705.0	0.0283	0.0109	0.0	0.7274	0.2705	-0.0001678	-0.0001678 +
710.0	0.0195	0.0075	0.0	0.7315	0.2705	-0.0000206	-0.0000206 +
715.0	0.0134	0.0052	0.0	0.7363	0.2705	-0.00001678	-0.00001678 +
720.0	0.0093	0.0036	0.0	0.7413	0.2779	-0.0000958	-0.0000958 +
725.0	0.0064	0.0025	0.0	0.7468	0.2771	-0.00006947	-0.00006947 +
730.0	0.0044	0.0017	0.0	0.7525	0.2771	-0.0000416	-0.0000416 +
735.0	0.0031	0.0012	0.0	0.7582	0.2771	-0.00001627	-0.00001627 +
740.0	0.0021	0.0008	0.0	0.7642	0.2771	-8.37e-05	-8.37e-05 +
745.0	0.0015	0.0005	0.0	0.7705	0.2771	-6.05e-05	-6.05e-05 +
750.0	0.001	0.0004	0.0	0.7772	0.2771	-3.1e-05	-3.1e-05 +
755.0	0.0007	0.0002	0.0	0.7842	0.2771	-1.24e-05	-1.24e-05 +
760.0	0.0005	0.0002	0.0	0.7915	0.2771	-7.5e-06	-7.5e-06 +
765.0	0.0003	0.0001	0.0	0.7992	0.2771	-4.1e-06	-4.1e-06 +
770.0	0.0002	0.0001	0.0	0.8072	0.2771	-2e-06	-2e-06 +
775.0	0.0001	0.0	0.0	0.8155	0.2771	0.0	0.0 +

TN120-7N13/16

TUB-test chart TN12; Continuous hue data for 10°?
E00-CIEXYZ data; without/purple data for Illuminant E

input: w/rgb/cmyk -> rgb
output: transfer to rgb

TN121-7N13/16

Code	X _{10,m}	Y _{10,m}	Z _{10,m}	X _{10,m}	Y _{10,m}	TN	TP
E00	99.99	99.99	100.0	0.3333	0.3333		
380.0	0.0006	0.0	0.003	0.1766	0.0191	-0.0011715	0.0011713 +
385.0	0.0028	0.0003	0.0125	0.1797	0.0191	-0.0176299	0.0176299 +
390.0	0.0101	0.001	0.0449	0.18	0.0193	-0.0003396	0.0003396 +
395.0	0.031	0.0032	0.1386	0.1793	0.0193	-0.0034449	0.0034449 +
400.0	0.0819	0.0085	0.3686	0.1783	0.0187	-0.0251526	0.0251512 +
405.0	0.186	0.0193	0.8447	0.1771	0.0184	-0.155952	0.155952 +
410.0	0.3631	0.0375	1.6689	0.1754	0.0181	-0.728493	0.72847 +
415.0	0.6026	0.0619	2.815	0.1731	0.0178	-2.16222	2.16222 +
420.0	0.8764	0.0916	4.1681	0.1706	0.0179	-5.26807	5.26807 +
425.0	1.1344	0.1264	5.4967	0.1678	0.0187	-9.58167	9.58167 +
430.0	1.3487	0.1657	6.5582	0.165	0.0202	-14.7091	14.7089 +
435.0	1.533	0.2125	7.7083	0.1621	0.0224	-22.517	22.517 +
440.0	1.6445	0.266	8.4318	0.159	0.0257	-30.826	30.8276 +
445.0	1.6573	0.3201	8.6889	0.1553	0.03	-41.6195	41.6193 +
450.0	1.5888	0.3834	8.5496	0.1509	0.0364	-49.2839	49.2841 +
455.0	1.47	0.4555	8.1463	0.1459	0.0452	-64.6423	64.6422 +
460.0	1.2956	0.5494	7.4807	0.1389	0.0589	-73.7316	73.7316 +
465.0	1.089	0.6548	6.6642	0.1295	0.0778	-91.9587	91.9587 +
470.0	0.8383	0.7937	5.6472	0.1151	0.109	-98.8415	98.8416 +
475.0	0.567	0.9424	4.4154	0.0957	0.159	-87.0941	87.0941 +
480.0	0.345	1.0869	3.3092	0.0727	0.2292	-78.9008	78.9007 +
485.0	0.176	1.2759	2.4434	0.0541	0.3275	-62.8509	62.8509 +
490.0	0.0693	1.4533	1.7795	0.0209	0.4401	-54.8569	54.8569 +
495.0	0.0216	1.6946	1.136	0.0073	0.5624	-47.8137	47.8137 +
500.0	0.0163	1.9749	0.9364	0.0055	0.6745	-41.3948	41.3948 +
505.0	0.0061	2.2775	0.6823	0.00218	0.7526	-39.8362	39.8362 +
510.0	0.1605	2.6003	0.48	0.0495	0.8023	-36.3655	36.3654 +
515.0	0.3058	2.9388	0.3525	0.085	0.8169	-38.6001	38.6001 +
520.0	0.5044	3.265	0.2602	0.1251	0.8102	-42.8397	42.8397 +
525.0	0.7414	3.5286	0.1845	0.1664	0.7921	-46.8409	46.8409 +
530.0	1.0136	3.751	0.1305	0.207	0.7662	-49.1233	49.1233 +
535.0	1.3037	3.9593	0.0882	0.2436	0.7398	-54.2081	54.2082 +
540.0	1.6149	4.1231	0.0586	0.2785	0.7112	-61.5169	61.5169 +
545.0	1.9355	4.2096	0.0339	0.3132	0.6812	-67.9871	67.9871 +
550.0	2.2707	4.2508	0.017	0.3472	0.6501	-76.0095	76.0096 +
555.0	2.6405	4.2821	0.0046	0.3811	0.6181	-83.0823	83.0822 +
560.0	3.0224	4.2744	0.0	0.4142	0.5857	-90.8171	90.8171 +
565.0	3.4022	4.2105	0.0	0.4469	0.553	-96.2283	96.2283 +
570.0	3.756	4.0523	0.0	0.4781	0.5208	-96.1608	96.1608 +
575.0	4.0768	3.9225	0.0	0.5096	0.4903	-93.4167	93.4167 +
580.0	4.3468	3.724	0.0	0.5385	0.4614	-88.3071	88.3071 +
585.0	4.6044	3.5385	0.0	0.5654	0.4345	-81.0844	81.0847 +
590.0	4.7938	3.3319	0.0	0.5899	0.41	-69.9485	69.9486 +
595.0	4.8615	3.0871	0.0	0.6116	0.3883	-57.7847	57.78

http://130.149.60.45/~farbmetrik/TN12/TN12L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 6/8

see similar files: <http://130.149.60.45/~farbmetrik/TN12/TN12L0NP.PDF> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Code	X _{10,m}	Y _{10,m}	Z _{10,m}	X _{10,m}	Y _{10,m}	TN	TP
C00	97.28	99.99	116.14	0.3103	0.319		
380.0	0.0002	0.0	0.0009	0.1678	0.0182	382.5	0.0001544 +
385.0	0.0011	0.0001	0.0049	0.178	0.0192	387.5	0.0003358 +
390.0	0.0047	0.0005	0.0211	0.1796	0.0192	392.5	0.0082579 +
395.0	0.017	0.0018	0.0759	0.1792	0.019	397.5	0.0012062 +
400.0	0.0514	0.0053	0.2317	0.1783	0.0187	402.5	0.0114073 +
405.0	0.1326	0.0137	0.6023	0.1771	0.0184	407.5	0.0089601 +
410.0	0.2906	0.03	1.3357	0.1754	0.0181	412.5	0.051095 +
415.0	0.5357	0.055	2.5026	0.1731	0.0178	417.5	1.86641 +
420.0	0.8538	0.0893	4.0603	0.1706	0.0178	422.5	5.30334 +
425.0	1.1919	0.1328	5.7749	0.1678	0.0187	427.5	10.9598 +
430.0	1.5054	0.185	7.4315	0.165	0.0202	432.5	18.6105 +
435.0	1.7926	0.2485	9.0131	0.1621	0.0224	437.5	30.6088 +
440.0	1.9841	0.321	10.173	0.159	0.0257	442.5	43.7996 +
445.0	2.0317	0.3924	10.6515	0.1553	0.03	447.5	60.0655 +
450.0	1.9563	0.4721	10.5274	0.1509	0.0364	452.5	70.9524 +
455.0	1.8043	0.5591	9.9885	0.1459	0.0452	457.5	92.186 +
460.0	1.5837	0.6716	9.1444	0.1389	0.0589	462.5	104.829 +
465.0	1.3334	0.8018	8.1596	0.1295	0.0778	467.5	131.346 +
470.0	1.0306	0.9758	6.9423	0.1151	0.109	472.5	141.851 +
475.0	0.6987	1.1613	5.4407	0.0957	0.159	477.5	125.035 +
480.0	0.4245	1.3372	4.0714	0.0727	0.2292	482.5	112.294 +
485.0	0.2148	1.5574	2.9824	0.0451	0.3275	487.5	87.4406 +
490.0	0.083	1.7419	1.2328	0.0209	0.4401	492.5	73.235 +
495.0	1.3055	1.9372	1.5045	0.0073	0.5624	497.5	59.8213 +
500.0	0.0182	2.1984	1.0424	0.0055	0.6745	502.5	48.5871 +
505.0	0.0702	2.4195	0.7248	0.0028	0.7526	507.5	43.6816 +
510.0	0.163	2.6415	0.4876	0.0495	0.8023	512.5	38.1823 +
515.0	0.3	2.8836	0.3458	0.085	0.8169	517.5	39.6367 +
520.0	0.4854	3.1417	0.2503	0.1251	0.8102	522.5	44.0021 +
525.0	0.7125	3.3911	0.1773	0.1664	0.7921	527.5	49.5159 +
530.0	0.9864	3.6503	0.127	0.207	0.7662	532.5	54.0345 +
535.0	1.2939	3.9293	0.0875	0.2436	0.7398	537.5	62.632 +
540.0	1.6373	4.1802	0.0594	0.2785	0.7112	542.5	74.2091 +
545.0	1.9979	4.3453	0.035	0.3132	0.6812	547.5	84.7885 +
550.0	2.372	4.4406	0.0178	0.3472	0.6501	552.5	96.5164 +
555.0	2.7708	4.4932	0.0049	0.3811	0.6181	557.5	105.784 +
560.0	3.1604	4.4694	0.0	0.4142	0.5857	562.5	114.014 +
565.0	3.5172	4.3529	0.0	0.4469	0.553	567.5	117.365 +
570.0	3.8257	4.0901	0.0	0.4793	0.5209	572.5	121.822 +
575.0	4.0544	3.9009	0.0	0.5096	0.4903	577.5	104.781 +
580.0	4.2214	3.6167	0.0	0.5385	0.4614	582.5	94.3816 +
585.0	4.3632	3.3531	0.0	0.5654	0.4345	587.5	82.5859 +
590.0	4.4366	3.0836	0.0	0.5899	0.41	592.5	68.1006 +
595.0	4.4037	2.7964	0.0	0.6116	0.3883	597.5	54.1459 +
600.0	4.291	2.5131	0.0	0.6306	0.3693	602.5	41.4147 +
605.0	4.1174	2.2453	0.0	0.6471	0.3528	607.5	30.5374 +
610.0	3.877	1.9865	0.0	0.6612	0.3387	612.5	21.3911 +
615.0	3.5683	1.7333	0.0	0.673	0.3269	617.5	13.8658 +
620.0	3.2107	1.4926	0.0	0.6826	0.314	622.5	8.00726 +
625.0	2.8292	1.2723	0.0	0.6897	0.3102	627.5	4.73779 +
630.0	2.425	1.0617	0.0	0.6954	0.3045	632.5	3.20551 +
635.0	2.0009	0.8533	0.0	0.701	0.2989	637.5	1.85022 +
640.0	1.6127	0.6718	0.0	0.7078	0.294	642.5	1.04584 +
645.0	1.2871	0.525	0.0	0.7102	0.2897	647.5	0.517197 +
650.0	1.0071	0.4039	0.0	0.7137	0.2862	652.5	0.163176 +
655.0	0.7669	0.3047	0.0	0.7155	0.2843	657.5	0.0606651 +
660.0	0.5708	0.2255	0.0	0.7167	0.2826	662.5	0.0272216 +
665.0	0.4164	0.1637	0.0	0.7177	0.2821	667.5	0.0123567 +
670.0	0.2984	0.1167	0.0	0.7185	0.2811	672.5	0.0044116 +
675.0	0.2103	0.082	0.0	0.7191	0.2805	677.5	0.0016001 +
680.0	0.146	0.0568	0.0	0.7194	0.2799	682.5	0.0002887 +
685.0	0.1001	0.0389	0.0	0.7194	0.2797	687.5	0.0001157 +
690.0	0.068	0.0264	0.0	0.7193	0.2795	692.5	0.0045566 +
695.0	0.046	0.0178	0.0	0.7191	0.2792	697.5	0.001443 +
700.0	0.0324	0.012	0.0	0.7273	0.2704	702.5	-0.0006532 +
705.0	0.0209	0.0081	0.0	0.7173	0.2785	707.5	-0.0009953 +
710.0	0.014	0.0054	0.0	0.7158	0.278	712.5	-0.0017711 +
715.0	0.0094	0.0036	0.0	0.7135	0.2773	717.5	-0.0017446 +
720.0	0.0063	0.0024	0.0	0.7101	0.2763	722.5	-0.0004966 +
725.0	0.0042	0.0016	0.0	0.7053	0.2747	727.5	-0.0003397 +
730.0	0.0028	0.0011	0.0	0.6984	0.2724	732.5	-0.000186 +
735.0	0.0019	0.0007	0.0	0.6888	0.269	737.5	-7.19e-05 +
740.0	0.0013	0.0005	0.0	0.6755	0.2642	742.5	-3.55e-05 +
745.0	0.0009	0.0003	0.0	0.6574	0.2575	747.5	-2.47e-05 +
750.0	0.0006	0.0002	0.0	0.6334	0.2486	752.5	-1.23e-05 +
755.0	0.0004	0.0001	0.0	0.6031	0.2371	757.5	-4.8e-06 +
760.0	0.0003	0.0001	0.0	0.5657	0.2227	762.5	-2.9e-06 +
765.0	0.0002	0.0	0.0	0.5214	0.2057	767.5	-1.6e-06 +
770.0	0.0001	0.0	0.0	0.4712	0.1862	772.5	-8e-07 +
775.0	0.0001	0.0	0.0	0.4419	0.1749	777.5	0.0

TN120-7N14/16

TUB-test chart TN12; Continuous hue data for 10°?
C00-CIEXYZ data; without/with purple data for Illuminant E
output: transfer to *rgb*_d

input: *w/rgb/cmyk* -> *rgb*_d
Eoutput: transfer to *rgb*_d

TN121-7N14/16

Code	X _{10,i}	Y _{10,i}	Z _{10,i}	X _{10,i}	Y _{10,i}	Code	X _{10,m}	Y _{10,m}	Z _{10,m}	X _{10,m}	TN	TP
C00	97.28	99.99	116.14	0.3103	0.319							
380.0	0.0002	0.0	0.0009	0.1678	0.0182	382.5	0.0001	0.0	0.0029	0.1762	0.019	-0.0001544
385.0	0.0011	0.0001	0.0049	0.178	0.0192	387.5	0.0029	0.0003	0.013	0.7933	0.0192	-0.0003358
390.0	0.0047	0.0005	0.0211	0.1796	0.0192	392.5	0.0108	0.0011	0.0485	0.1793	0.019	-0.0082467
395.0	0.017	0.0018	0.0759	0.1792	0.019	397.5	0.0342	0.0036	0.1538	0.1785	0.0187	-0.0012062
400.0	0.0514	0.0053	0.2317	0.1783	0.0187	402.5	0.092	0.0095	0.471	0.1774	0.0184	-0.0114073
405.0	0.1326	0.0137	0.6023	0.1771	0.0184	407.5	0.2116	0.0219	0.969	0.1759	0.0182	-0.0896081
410.0	0.2906	0.03	1.3357	0.1754	0.0181	412.5	0.4132	0.0425	1.9192	0.1739	0.0179	-0.521084
415.0	0.5357	0.055	2.5026	0.1731	0.0178	417.5	0.6947	0.0722	3.2815	0.1716	0.0178	-1.86641
420.0	0.8538	0.0893	4.0603	0.1706	0.0178	422.5	1.0228	0.111	4.9176	0.169	0.0183	-5.30334
425.0	1.1919	0.1328	5.7749	0.1678	0.0187	427.5	1.3486	0.1589	6.6032	0.1662	0.0195	-10.9598
430.0	1.5054	0.185	7.4315	0.165	0.0202	432.5	1.649	0.2168	8.2223	0.1634	0.0214	-18.6105
435.0	1.7926	0.2485	9.0131	0.1621	0.0224	437.5	1.8883	0.2847	9.593	0.1604	0.0242	-30.6088
440.0	1.9841	0.321	10.173	0.159	0.0257	442.5	2.0079	0.3567	10.4123	0.1571	0.0279	-43.7996
445.0	2.0317	0.3924	10.6515	0.1553	0.03	447.5	1.994	0.4323	10.5895	0.1532	0.0332	-60.0655
450.0	1.9563	0.4721	10.5274	0.1509	0.0364	452.5	1.8803	0.5156	10.263	0.1485	0.0407	-70.9528
455.0	1.8043	0.5591	9.9885	0.1459	0.0452	457.5	1.6634	0.6154	9.2514	0.1435	0.0477	-92.186
460.0	1.5837	0.6716	9.1444	0.1389	0.0589	462.5	1.4586	0.7367	8.452	0.1344	0.0671	-104.829
465.0	1.3334	0.8018	8.1596	0.1295	0.0778	467.5	1.182	0.8888	7.5509	0.1228	0.0923	-131.346
470.0	1.0306	0.9758	6.9423	0.1151	0.109	472.5	0.8646	1.0685	6.1915	0.1064	0.1315	-141.851
475.0	0.6987	1.1613	5.4407	0.0957	0.159	477.5	0.5616	1.2493	4.7561	0.0855	0.1902	-125.035
480.0	0.4245	1.3372	4.0714	0.0727	0.2292	482.5	0.3197	1.4473	3.5269	0.0603	0.2733	-112.294
485.0	0.2148	1.5574	2.9824	0.0451	0.3275	487.5	0.1489	1.6496	2.5576	0.0341	0.3786	-87.4406
490.0	0.083	1.7419	1.2328	0.0209	0.4401	492.5	0.0542	1.8545	1.8187	0.0145	0.4795	-73.235
495.0	0.0255	1.9672	1.5045	0.0073	0.5624	497.5	0.0218	2.0828	1.2734	0.0064	0.6165	-59.9214
500.0	0.0182	2.1984	1.0424	0.0055	0.6745	502.5	0.0042	2.3089	0.8836	0.0136	0.7133	-48.5871
505.0	0.0702	2.4195	0.7248	0.0028	0.7526	507.5	0.0166	2.5305	0.6062	0.0358	0.7777	-43.6816
510.0	0.163	2.6415	0.4876	0.0495	0.8023	512.5	0.2315	2.7625	0.4167	0.0678	0.8098	-38.1823
515.0	0.3	2.8836	0.3458	0.085	0.8169	517.5	0.3927	3.0126	0.2981	0.106	0.8134	-39.6367
520.0	0.4854	3.1417	0.2503	0.1251	0.8102	522.5	0.5989	3.2664	0.2138	0.1468	0.8007	-44.0021
525.0	0.7125	3.3911	0.1773	0.1664	0.7921	527.5	0.8845	3.5207	0.1521	0.1878	0.7784	-49.5159
530.0	0.9864	3.6503	0.127	0.207	0.7662	532.5	1.0991	3.7898	0.1072	0.2323	0.7523	-54.0345
535.0	1.2939	3.9293	0.0875	0.2436	0.7398	537.5	1.4656	4.0548	0.0734	0.2619	0.7248	-62.632
540.0	1.6373	4.1802	0.0594	0.2785	0.7112	542.5	1.8176	4.2628	0.0472	0.2966	0.6956	-74.2091
545.0	1.9979	4.3453	0.035	0.3132	0.6812	547.5	2.185	4.393	0.0264	0.3308	0.6651	-84.7885
550.0	2.372	4.4406	0.0178	0.3472	0.6501	552.5	2.5714	4.4669	0.0113	0.3647	0.6336	-96.5164
555.0	2.7708	4.4932	0.0049	0.3811	0.6181	557.5	2.9656	4.4813	0.0024	0.398	0.6035	-105.784
560.0	3.1604	4.4694	0.0	0.4142	0.5857	562.5	3.3888	4.4112	0.0	0.4308	0.5691	-114.014
565.0	3.5172	4.3529	0.0	0.4469	0.553	567.5	3.6715	4.2565	0.0	0.463	0.5368	-117.365
570.0	3.8257	4.1601	0.0	0.4793	0.5209	572.5	3.94	4.0305	0.0	0.4943	0.5056	-112.822
575.0	4.0544	3.9009	0.0	0.5096	0.4903	577.5	4.1379	3.7588	0.0	0.5239	0.4759	-104.781
580.0	4.2214	3.6167	0.0	0.5385	0.4614	582.5	4.2923	3.4849	0.0	0.5519	0.448	-94.3816
585.0	4.3632	3.3531	0.0	0.5654	0.4345	587.5	4.3999	3.2184	0.0	0.5775	0.4224	-82.5861
590.0	4.4366	3.0836	0.0	0.5899	0.41	592.5	4.4202	2.94	0.0	0.6005	0.3994	-68.1006
595.0	4.4037	2.7964	0.0	0.6116	0.3883	597.5	4.3473	2.6548	0.0	0.6208	0.3791	-54.1459
600.0	4.291	2.5131	0.0	0.6306	0.3693	602.5	4.2042	2.3792	0.0	0.6385	0.3613	-41.4144
605.0	4.1174	2.2453	0.0	0.6471	0.3528	607.5	3.9972	2.1159	0.0	0.6538	0.3461	-30.5374
610.0	3.877	1.9865	0.0	0.6612	0.3387	612.5	3.717	1.8599	0.0	0.6687	0.333	-21.8111
615.0	3.5683	1.7333	0.0	0.673	0.3269	617.5	3.3895	1.613	0.0	0.6775	0.3224	-13.8658
620.0	3.2107	1.4926	0.0	0.6826	0.3173	622.5	3.02	1.3825	0.0	0.6859	0.314	-8.0072
625.0	2.8292	1.2723	0.0	0.6897	0.3102	627.5	2.6271	1.167	0.0	0.6923	0.3075	-4.73779
630.0	2.425	1.0617	0.0	0.6954	0.3045	632.5	2.213	0.9575	0.0	0.6979	0.302	-3.20547
635.0	2.0009	0.8533	0.0	0.701	0.2989	637.5	1.8068	0.7625	0.0	0.7031	0.2967	-1.85023
640.0	1.6127	0.6718	0.0	0.7058	0.294	642.5	1.4499	0.5984	0.0	0.7078	0.2921	-1.04584
645.0	1.2871	0.525	0.0	0.7102	0.2897	647.5	1.1471	0.4644	0.0	0.7117	0.2881	-0.517189
650.0	1.0071	0.4039	0.0	0.7137	0.2862	652.5	0.887	0.3543	0.0	0.7144	0.2854	-0.163181
655.0	0.7669	0.3047	0.0	0.7155	0.2843	657.5	0.6688	0.2651	0.0	0.716	0.2838	-0.0606651
660.0	0.5708	0.2255	0.0	0.7167	0.2831	662.5	0.4936	0.1946	0.0	0.7171	0.2826	-0.0272226
665.0	0.4164	0.1637	0.0	0.7177	0.2821	667.5	0.3574	0.1402	0.0	0.718	0.2817	-0.0123567
670.0	0.2984	0.1167	0.0	0.7185	0.2811	672.5	0.2543	0.0994	0.0	0.7187	0.2809	-0.0044126
675.0	0.2103	0.082	0.0	0.7191	0.2805	677.5	0.1781	0.0694	0.0	0.7192	0.2802	-0.0016001
680.0	0.146	0.0568	0.0	0.7198	0.28	682.5	0.123	0.0484	0.0	0.7193	0.2799	-0.0002888
685.0	0.1001	0.0389	0.0	0.7194	0.2797	687.5	0.0844	0.0326	0.0	0.7194	0.2796	-0.0001579
690.0	0.068	0.0264	0.0	0.7193	0.2795	692.5	0.057	0.0221	0.0	0.7192	0.2794	-0.004556
695.0	0.046	0.0178	0.0	0.7191	0.2792	697.5	0.0392	0.0149	0.0	0.7225	0.2756	-0.001443
700.0	0.0324	0.012	0.0	0.7273	0.2704	702.5	0.0378	0.0137	0.011	0.6038	0.2189	-0.0241169
-495.0	0.0431	0.0153	0.022	0.5355	0.1904	-497.5	0.0436	0.0152	0.0262	0.5117	0.179	-0.012134
-500.0	0.0441	0.0151	0.0305	0.4904	0.1688	-502.5	0.0444	0.0151	0.0335	0.4768	0.1624	-0.008397
-505.0	0.0448	0.0151	0.0365	0.4642	0.1565	-507.5	0.045	0.015	0.0389	0.4545	0.1517	-0.0069273
-510.0	0.0453	0.0149	0.0413	0.4453	0.1471	-512.5	0.0455	0.0149	0.0433	0.4382	0.1439	-0.0054713
-515.0	0.0457	0.0149	0.0452	0.4314	0.1408	-517.5	0.0459	0.0148	0.047	0.4253	0.1378	-0.0052254
-520.0	0.0461	0.0148	0.0489	0.4195	0.1349	-522.5	0.0464	0.0148	0.0509	0.4133	0.1319	-0.0056977
-525.0	0.0466	0.0147	0.0529	0.4073	0.1289	-527.5	0.0469	0.0147	0.0553	0.4007	0.1258	-0.0065831
-530.0	0.0471	0.0146	0.0576	0.3943	0.1228	-532.5	0.0474	0.0146	0.0602	0.3875	0.1194	-0.007457
-535.0	0.0477	0.0145	0.0629	0.381	0.1161	-537.5	0.0481	0.0144	0.0662	0.3731	0.1123	-0.0095223
-540.0	0.0484	0.0144	0.0695	0.3656	0.1098	-542.5	0.0489	0.0143	0.0742	0.3557	0.1041	-0.0134015
-545.0	0.0494	0.0142	0.0789	0.3465	0.1098	-547.5	0.0503	0.0141	0.0861	0.3338	0.0936	-0.0202882
-550.0	0.0513	0.0139	0.0903	0.3288	0.1085	-552.5	0.0519	0.0137	0.0951	0.3145	0.0841	-0.030779
-555.0	0.0539	0.0134	0.1189	0.2894	0.0721	-557.5	0.0571	0.0128	0.1474	0.2625	0.0591	-0.0810711
-560.0	0.0602	0.0122	0.176	0.2423	0.0494	-562.5	0.0743	0.0097	0.303	0.1919	0.0252	-0.360106
-565.0	0.0884	0.0072	0.4301	0.1681	0.0137	-567.5	0.0848	0.0078	0.398	0.1729	0.016	-0.0906779
400.0	0.9813	0.9085	0.366	0.1783	0.0186	402.5	0.9813	0.9085	0.366	0.1783	0.0186	-0.0004768

http://130.149.60.45/~farbmetrik/TN12/TN12L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 7/8

see similar files: <http://130.149.60.45/~farbmetrik/TN12/TN12L0NP.PDF> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

Code	X _{10,m}	Y _{10,m}	Z _{10,m}	X _{10,m}	Y _{10,m}	TN	TP
P00	102.37	99.99	81.25	0.3609	0.3525		
380.0	0.0004	0.0	0.0002	0.1746	0.0189		
385.0	0.0019	0.0002	0.0087	0.1792	0.0193		
390.0	0.0071	0.0007	0.0315	0.1799	0.0193		
395.0	0.022	0.0023	0.0986	0.1793	0.0191		
400.0	0.059	0.0061	0.2657	0.1783	0.0187		
405.0	0.1357	0.0141	0.6166	0.1771	0.0184		
410.0	0.2683	0.0277	1.2332	0.1754	0.0181		
415.0	0.4507	0.0463	2.1055	0.1731	0.0178		
420.0	0.6534	0.0693	3.1551	0.1706	0.0178		
425.0	0.869	0.0968	4.2104	0.1678	0.0187		
430.0	1.0543	0.1284	5.1601	0.165	0.0202		
435.0	1.2019	0.1666	6.0434	0.1621	0.0224		
440.0	1.3041	0.211	6.8685	0.159	0.0257		
445.0	1.3292	0.2567	6.9688	0.1553	0.03		
450.0	1.2885	0.3109	6.9341	0.1509	0.0364		
455.0	1.2055	0.3736	6.8004	0.1459	0.0452		
460.0	1.0741	0.4555	6.202	0.1389	0.0589		
465.0	0.9127	0.5488	5.5851	0.1295	0.0778		
470.0	0.7101	0.6723	4.7836	0.1151	0.109		
475.0	0.4854	0.8068	3.78	0.0957	0.159		
480.0	0.2985	0.9403	2.8628	0.0727	0.2292		
485.0	0.1538	1.1153	2.1358	0.0451	0.3275		
490.0	0.0612	1.2835	1.5715	0.0209	0.4401		
495.0	0.0196	1.5119	1.1562	0.0073	0.5624		
500.0	0.0147	1.7797	0.8439	0.0055	0.6745		
505.0	0.0602	2.0729	0.621	0.0218	0.7526		
510.0	0.1475	2.3901	0.4412	0.0495	0.8023		
515.0	0.2838	2.7278	0.3272	0.085	0.8163		
520.0	0.4727	3.06	0.2438	0.1251	0.8102		
525.0	0.7015	3.3388	0.1745	0.1664	0.7921		
530.0	0.9682	3.5831	0.1246	0.207	0.7662		
535.0	1.2571	3.8178	0.085	0.2436	0.7398		
540.0	1.5717	4.0128	0.057	0.2785	0.7112		
545.0	1.9012	4.135	0.0333	0.3132	0.6812		
550.0	2.2509	4.2137	0.0169	0.3472	0.65		
555.0	2.6413	4.2833	0.0046	0.3811	0.6181		
560.0	3.0505	4.3141	0.0	0.4142	0.5857		
565.0	3.4645	4.2876	0.0	0.4469	0.553		
570.0	3.8696	4.2071	0.0	0.4633	0.5366		
575.0	4.2249	4.065	0.0	0.5096	0.4903		
580.0	4.5439	3.8929	0.0	0.5385	0.4614		
585.0	4.8547	3.7308	0.0	0.5654	0.4345		
590.0	5.0976	3.543	0.0	0.5899	0.41		
595.0	5.2134	3.3106	0.0	0.6116	0.3883		
600.0	5.2095	3.0511	0.0	0.6306	0.3693		
605.0	5.0898	2.7755	0.0	0.6471	0.3528		
610.0	4.8557	2.4879	0.0	0.6612	0.3387		
615.0	4.5164	2.1938	0.0	0.673	0.3269		
620.0	4.101	1.9066	0.0	0.6826	0.314		
625.0	3.6446	1.639	0.0	0.6897	0.302		
630.0	3.151	1.3796	0.0	0.6954	0.3045		
635.0	2.6247	1.1193	0.0	0.701	0.2989		
640.0	2.1337	0.8888	0.0	0.7078	0.294		
645.0	1.7124	0.6985	0.0	0.7102	0.2897		
650.0	1.3471	0.5402	0.0	0.7137	0.2862		
655.0	1.0336	0.4107	0.0	0.7155	0.2843		
660.0	0.778	0.3073	0.0	0.7167	0.2831		
665.0	0.5763	0.2265	0.0	0.7177	0.2821		
670.0	0.4205	0.1645	0.0	0.7186	0.2812		
675.0	0.302	0.1178	0.0	0.7191	0.2805		
680.0	0.2145	0.0835	0.0	0.7195	0.28		
685.0	0.1514	0.0588	0.0	0.7196	0.2798		
690.0	0.1062	0.0413	0.0	0.7196	0.2796		
695.0	0.0743	0.0288	0.0	0.7195	0.2794		
700.0	0.054	0.0201	0.0	0.728	0.2706		
705.0	0.0359	0.0139	0.0	0.7188	0.2791		
710.0	0.0249	0.0096	0.0	0.7181	0.2789		
715.0	0.0173	0.0067	0.0	0.7172	0.2786		
720.0	0.012	0.0047	0.0	0.7156	0.2784		
725.0	0.0084	0.0032	0.0	0.7136	0.2778		
730.0	0.0058	0.0022	0.0	0.7108	0.2771		
735.0	0.0041	0.0016	0.0	0.7068	0.2759		
740.0	0.0029	0.0011	0.0	0.7015	0.2742		
745.0	0.002	0.0008	0.0	0.6943	0.2717		
750.0	0.0014	0.0005	0.0	0.6845	0.2684		
755.0	0.001	0.0004	0.0	0.6714	0.2638		
760.0	0.0007	0.0002	0.0	0.6543	0.2574		
765.0	0.0005	0.0002	0.0	0.6321	0.2492		
770.0	0.0003	0.0001	0.0	0.604	0.2385		
775.0	0.0002	0.0001	0.0	0.5694	0.2253		

TN120-7N15/16

TUB-test chart TN12; Continuous hue data for 10°?
P00-CIEXYZ data; without/with purple data for Illuminant E

Code	X _{10,m}	Y _{10,m}	Z _{10,m}	X _{10,m}	Y _{10,m}	TN	TP
P00	102.37	99.99	81.25	0.3609	0.3525		
380.0	0.0004	0.0	0.0002	0.1746	0.0189		
385.0	0.0019	0.0002	0.0087	0.1792	0.0193		
390.0	0.0071	0.0007	0.0315	0.1799	0.0193		
395.0	0.022	0.0023	0.0986	0.1793	0.0191		
400.0	0.059	0.0061	0.2657	0.1783	0.0187		
405.0	0.1357	0.0141	0.6166	0.1771	0.0184		
410.0	0.2683	0.0277	1.2332	0.1754	0.0181		
415.0	0.4507	0.0463	2.1055	0.1731	0.0178		
420.0	0.6634	0.0693	3.1551	0.1706	0.0178		
425.0	0.869	0.0968	4.2104	0.1678	0.0187		
430.0	1.0453	0.1284	5.1601	0.165	0.0202		
435.0	1.2019	0.1666	6.0434	0.1621	0.0224		
440.0	1.3041	0.211	6.8685	0.159	0.0257		
445.0	1.3292	0.2567	6.9688	0.1553	0.03		
450.0	1.2885	0.3109	6.9341	0.1509	0.0364		
455.0	1.2055	0.3736	6.8004	0.1459	0.0452		
460.0	1.0741	0.4555	6.202	0.1389	0.0589		
465.0	0.9127	0.5488	5.5851	0.1295	0.0778		
470.0	0.7101	0.6723	4.7836	0.1151	0.109		
475.0	0.4854	0.8068	3.78	0.0957	0.159		
480.0	0.2985	0.9403	2.8628	0.0727	0.2292		
485.0	0.1538	1.1153	2.1358	0.0451	0.3275		
490.0	0.0612	1.2835	1.5715	0.0209	0.4401		
495.0	0.0196	1.5119	1.1562	0.0073	0.5624		
500.0	0.0147	1.7797	0.8439	0.0055	0.6745		
505.0	0.0602	2.0729	0.621	0.0218	0.7526		
510.0	0.1475	2.3901	0.4412	0.0495	0.8023		
515.0	0.2838	2.7278	0.3272	0.085	0.8163		
520.0	0.4727	3.06	0.2438	0.1251	0.8102		
525.0	0.7015	3.3388	0.1745	0.1664	0.7921		
530.0	0.9682	3.5831	0.1246	0.207	0.7662		
535.0	1.2571	3.8178	0.085	0.2436	0.7398		
540.0	1.5717	4.0128	0.057	0.2785	0.7112		
545.0	1.9012	4.135	0.0333	0.3132	0.6812		
550.0	2.2509	4.2137	0.0169	0.3472	0.65		
555.0	2.6413	4.2833	0.0046	0.3811	0.6181		
560.0	3.0505	4.3141	0.0	0.4142	0.5857		
565.0	3.4645	4.2876	0.0	0.4469	0.553		
570.0	3.8696	4.2071	0.0	0.4633	0.5366		
575.0	4.2249	4.065	0.0	0.5096	0.4903		
580.0	4.5439	3.8929	0.0	0.5385	0.4614		
585.0	4.8547	3.7308	0.0	0.5654	0.4345		
590.0	5.0976	3.543	0.0	0.5899	0.41		
595.0	5.2134	3.3106	0.0	0.6116	0.3883		
600.0	5.2095	3.0511	0.0	0.6306	0.3693		
605.0	5.0898	2.7755	0.0	0.6471	0.3528		
610.0	4.8557	2.4879	0.0	0.6612	0.3387		
615.0	4.5164	2.1938	0.0	0.673	0.3269		
620.0	4.101	1.9066	0.0	0.6826	0.314		
625.0	3.6446	1.639	0.0	0.6897	0.302		
630.0	3.151	1.3796	0.0	0.6954	0.3045		
635.0	2.6247	1.1193	0.0	0.701	0.2989		
640.0	2.1337	0.8888	0.0	0.7078	0.294		
645.0	1.7124	0.6985	0.0	0.7102	0.2897		
650.0	1.3471	0.5402	0.0	0.7137	0.2862		
655.0	1.0336	0.4107	0.0	0.7155	0.2843		
660.0	0.778	0.3073	0.0	0.7167	0.2831		
665.0	0.5763	0.2265	0.0	0.7177	0.2821		
670.0	0.4205	0.1645	0.0	0.7186	0.2812		
675.0	0.302	0.1178	0.0	0.7191	0.2805		
680.0	0.2145	0.0835	0.0	0.7195	0.28		
685.0	0.1514	0.0588	0.0	0.7196	0.2798		
690.0	0.1062	0.0413	0.0	0.7196	0.2796		
695.0	0.0743	0.0288	0.0	0.7195	0.2794		
700.0	0.054	0.0201	0.0	0.728	0.2706		
705.0	0.0359	0.0139	0.0	0.7188	0.2791		
710.0	0.0249	0.0096	0.0	0.7181	0.2789		
715.0	0.0173	0.0067	0.0	0.7172	0.2786		
720.0	0.012	0.0047	0.0	0.7156	0.2784		
725.0	0.0084	0.0032	0.0	0.7136	0.2778		
730.0	0.0058	0.0022	0.0	0.7108	0.2771		
735.0	0.0041	0.0016	0.0	0.7068	0.2759		
740.0	0.0029	0.0011	0.0	0.7015	0.2742		
745.0	0.002	0.0008	0.0	0.6943	0.2717		
750.0	0.0014	0.0005	0.0	0.6845	0.2684		
755.0	0.0009	0.0003	0.0	0.6747	0.2649		
760.0	0.0006	0.0002	0.0	0.6649	0.2614		
765.0	0.0004	0.0001	0.0	0.6551	0.2579		
770.0	0.0003	0.0001	0.0	0.6453	0.2544		
775.0	0.0002	0.0001	0.0	0.6355	0.2509		
780.0	0.0001	0.0001	0.0	0.6257	0.2474		
785.0	0.0001	0.0001	0.0	0.6159	0.2439		
790.0	0.0001	0.0001	0.0	0.6061	0.2404		
795.0	0.0001	0.0001	0.0	0.5963	0.2369		
800.0	0.0001	0.0001	0.0	0.5865	0.2334		
805.0	0.0001	0.0001	0.0	0.5767	0.2299		
810.0	0.0001	0.0001	0.0	0.5669	0.2264		
815.0	0.0001	0.0001	0.0	0.5571	0.2229		
820.0	0.0001	0.0001	0.0	0.5473	0.2194		
825.0	0.0001	0.0001	0.0	0.5375	0.2159		
830.0	0.0001	0.0001	0.0	0.5277	0.2124		
835.0	0.0001	0.0001	0.0	0.5179	0.2089		
840.0	0.0001	0.0001	0.0	0.5081	0.2054		
845.0	0.0001	0.0001	0.0	0.4983	0.2019		
850.0	0.0001	0.0001	0.0	0.4885	0.1984		
855.0	0.0001	0.0001	0.0	0.4787	0.1949		
860.0	0.0001	0.0001	0.0	0.4689	0.1914		
865.0	0.0001	0.0001	0.0	0.4591	0.1879		
870.0	0.0001	0.0001	0.0	0.4493	0.1844		
875.0	0.0001	0.0001	0.0	0.4395	0.1809		
880.0	0.0001	0.0001	0.0	0.4297	0.1774		
885.0	0.0001	0.0001	0.0	0.4199	0.1739		
890.0	0.0001	0.0001	0.0	0.4101	0.1704		
895.0	0.0001	0.0001	0.0	0.4003	0.1669		
900.0	0.0001	0.0001	0.0	0.3905	0.1634		
905.0	0.0001	0.0001	0.0	0.3807	0.1599		
910.0	0.0001	0.0001	0.0	0.3709	0.1564		
915.0	0.0001	0.0001	0.0	0.3611	0.1529		
920.0	0.0001	0.0001	0.0	0.3513	0.1494		
925.0	0.0001	0.0001	0.0	0.3415	0.1459		
930.0	0.0001	0.0001	0.0	0.3317	0.1424		
935.0	0.0001	0.0001	0.0	0.3219	0.1389		
940.0	0.0001	0.0001	0.0	0.3121	0.1354		
945.0	0.0001	0.0001	0.0	0.3023	0.1319		
950.0	0.0001	0.0001	0.0	0.2925	0.1284		
955.0	0.0001	0.0001	0.0	0.2827	0.1249		
960.0	0.0001	0.0001	0.0	0.2729	0.1214		
965.0	0.0001	0.0001	0.0	0.2631	0.1179		
970.0	0.0001	0.0001	0.0	0.2533	0.1144		
975.0	0.0001	0.0001	0.0	0.2435	0.1109		
980.0	0.0001	0.0001	0.0	0.2337	0.1074		
985.0	0.0001	0.0001	0.0	0.2239	0.1039		
990.0	0.0001	0.0001	0.0	0.2141	0.1004		
995.0	0.0001	0.0001	0.0	0.2043	0.0969		
1000.0	0.0001	0.0001	0.0	0.1945	0.0934		

http://130.149.60.45/~farbmeterik/TN12/TN12L0NP.PDF /.PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 8/8

see similar files: <http://130.149.60.45/~farbmeterik/TN12/TN12L0NP.PDF> /.PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeterik>

Code	X _{10,i}	Y _{10,i}	Z _{10,i}	X _{10,i}	Y _{10,i}	TN	TP
Q00	97.65	100.0	118.42	0.3089	0.3163		
380.0	0.0008	0.0	0.0039	0.1777	0.0192		
385.0	0.0036	0.0003	0.0163	0.18	0.0194		
390.0	0.013	0.0014	0.058	0.1801	0.0193		
395.0	0.0398	0.0042	0.1778	0.1793	0.0191		
400.0	0.1043	0.0109	0.4696	0.1783	0.0187		
405.0	0.2353	0.0244	1.0687	0.1771	0.0184		
410.0	0.4562	0.0471	2.0966	0.1754	0.0181		
415.0	0.7517	0.0773	3.5115	0.1731	0.0178		
420.0	1.0856	0.1135	5.1625	0.1706	0.0178		
425.0	1.3951	0.1554	6.7595	0.1678	0.0187		
430.0	1.6467	0.2024	8.129	0.165	0.0202		
435.0	1.8581	0.2576	9.3428	0.1621	0.0224		
440.0	1.9786	0.3201	10.1451	0.159	0.0257		
445.0	1.9795	0.3823	10.3776	0.1553	0.03		
450.0	1.8835	0.4545	10.1356	0.1509	0.0364		
455.0	1.7297	0.536	9.5854	0.1459	0.0452		
460.0	1.513	0.6416	8.7361	0.1389	0.0589		
465.0	1.2621	0.759	7.7236	0.1295	0.0778		
470.0	0.9641	0.9129	6.4949	0.1151	0.109		
475.0	0.6471	1.0756	5.0391	0.0957	0.159		
480.0	0.3907	1.2308	3.3474	0.0727	0.2292		
485.0	0.1977	1.4336	2.7453	0.0451	0.3275		
490.0	0.0772	1.6201	1.9837	0.0209	0.4401		
495.0	1.3243	1.8741	1.4333	0.0073	0.5624		
500.0	0.0179	2.1666	1.0273	0.0055	0.6745		
505.0	0.072	2.4784	0.7425	0.0218	0.7526		
510.0	0.1732	2.8066	0.5181	0.0495	0.8023		
515.0	0.3274	3.146	0.3773	0.085	0.8169		
520.0	0.5355	3.4663	0.2762	0.1251	0.8102		
525.0	0.7806	3.7149	0.1942	0.1664	0.7921		
530.0	1.0581	3.9159	0.1362	0.207	0.7662		
535.0	1.3495	4.0983	0.0913	0.2436	0.7398		
540.0	1.6573	4.2313	0.0601	0.2785	0.7112		
545.0	1.9692	4.2829	0.0345	0.3132	0.6812		
550.0	2.2901	4.2872	0.0172	0.3472	0.6501		
555.0	2.6398	4.2809	0.0046	0.3811	0.6181		
560.0	2.9948	4.2533	0.0	0.4142	0.5857		
565.0	3.341	4.1348	0.0	0.4469	0.553		
570.0	3.655	3.9554	0.0	0.4798	0.5208		
575.0	3.9313	3.7826	0.0	0.5096	0.4903		
580.0	4.1533	3.5582	0.0	0.5385	0.4614		
585.0	4.3587	3.3496	0.0	0.5654	0.4345		
590.0	4.4956	3.1246	0.0	0.5899	0.41		
595.0	4.5161	2.8678	0.0	0.6116	0.3883		
600.0	4.4324	2.596	0.0	0.6306	0.3693		
605.0	4.2535	2.3195	0.0	0.6471	0.3528		
610.0	3.9856	2.0421	0.0	0.6612	0.3387		
615.0	3.6409	1.7685	0.0	0.673	0.3269		
620.0	3.2469	1.5095	0.0	0.6826	0.3139		
625.0	2.8338	1.2744	0.0	0.6897	0.3102		
630.0	2.4061	1.0534	0.0	0.6954	0.3045		
635.0	1.9681	0.8393	0.0	0.701	0.2987		
640.0	1.571	0.6545	0.0	0.7077	0.2921		
645.0	1.238	0.505	0.0	0.7102	0.2897		
650.0	0.9563	0.3835	0.0	0.7137	0.2862		
655.0	0.7204	0.2863	0.0	0.7155	0.2843		
660.0	0.5323	0.2102	0.0	0.7167	0.2831		
665.0	0.3871	0.1521	0.0	0.7177	0.282		
670.0	0.2773	0.1085	0.0	0.7185	0.2811		
675.0	0.1954	0.0762	0.0	0.719	0.2805		
680.0	0.1363	0.053	0.0	0.7194	0.2799		
685.0	0.0944	0.0367	0.0	0.7194	0.2797		
690.0	0.065	0.0252	0.0	0.7193	0.2795		
695.0	0.0446	0.0173	0.0	0.7191	0.2792		
700.0	0.0318	0.0118	0.0	0.7223	0.273		
705.0	0.0207	0.008	0.0	0.7273	0.2785		
710.0	0.0141	0.0054	0.0	0.7168	0.2783		
715.0	0.0096	0.0037	0.0	0.7148	0.2777		
720.0	0.0065	0.0025	0.0	0.7121	0.277		
725.0	0.0045	0.0017	0.0	0.7084	0.2758		
730.0	0.003	0.0012	0.0	0.7031	0.2741		
735.0	0.0021	0.0008	0.0	0.6956	0.2716		
740.0	0.0014	0.0005	0.0	0.6853	0.2678		
745.0	0.001	0.0003	0.0	0.6711	0.2626		
750.0	0.0007	0.0002	0.0	0.6518	0.2556		
755.0	0.0004	0.0001	0.0	0.6264	0.2461		
760.0	0.0003	0.0001	0.0	0.594	0.2337		
765.0	0.0002	0.0	0.0	0.5536	0.2182		
770.0	0.0001	0.0	0.0	0.5053	0.1996		
775.0	0.0001	0.0	0.0	0.4503	0.1782		

TN120-7N16/16

TUB-test chart TN12; Continuous hue data for 10°?
Q00-CIEXYZ data; without/with purple data for Illuminant Eoutput: transfer to *rgb*_d

Code	X _{10,i}	Y _{10,i}	Z _{10,i}	x _{10,i}	y _{10,i}	Code	X _{10,m}	Y _{10,m}	Z _{10,m}	x _{10,m}	TN	TP		
Q00	97.65	100.0	118.42	0.3089	0.3163	382.5	0.0022	0.0002	0.0101	0.1795	-0.0020237	0.0020237	+	
380.0	0.0008	0.0	0.0039	0.1777	0.0192	387.5	0.0083	0.0009	0.0371	0.1814	-0.30204	0.3020419	+	
385.0	0.0036	0.0003	0.0163	0.18	0.0194	392.5	0.0264	0.0028	0.1179	0.1795	-0.0005734	0.0005734	+	
390.0	0.013	0.0014	0.058	0.1801	0.0193	397.5	0.072	0.0075	0.3237	0.1786	-0.0057234	0.0057234	+	
395.0	0.0398	0.0042	0.1778	0.1793	0.0191	402.5	0.1698	0.0176	0.7691	0.1775	-0.0410075	0.041006	+	
400.0	0.1043	0.0109	0.4696	0.1783	0.0187	407.5	0.3458	0.0357	1.5827	0.176	-0.249451	0.249458	+	
405.0	0.2353	0.0244	1.0687	0.1771	0.0184	412.5	0.6039	0.0622	2.8041	0.174	-0.114719	1.1472	+	
410.0	0.4562	0.0471	2.0966	0.1754	0.0181	417.5	0.9186	0.0954	4.337	0.1716	-0.332803	3.32806	+	
415.0	0.7517	0.0773	3.5115	0.1731	0.0178	422.5	1.2403	0.1345	5.961	0.169	-0.87873	7.88721	+	
420.0	1.0856	0.1135	5.1625	0.1706	0.0178	427.5	1.5209	0.1789	7.4443	0.1663	-0.0195	14.0214	+	
425.0	1.3951	0.1554	6.7595	0.1678	0.0187	432.5	1.7524	0.23	8.7359	0.1634	-0.0241	21.0841	+	
430.0	1.6467	0.2024	8.129	0.165	0.0202	437.5	1.9184	0.2889	9.744	0.1605	0.0214	-31.613	31.613	+
435.0	1.8581	0.2576	9.3428	0.1621	0.0224	442.5	1.9791	0.3512	10.2614	0.1571	0.0278	-42.5173	42.5177	+
440.0	1.9786	0.3201	10.1451	0.159	0.0257	447.5	1.9315	0.4184	10.2566	0.1532	0.0331	-56.2913	56.2914	+
445.0	1.9795	0.3823	10.3776	0.1553	0.03	452.5	1.8066	0.4953	8.8605	0.1485	-0.085	-65.4307	65.4307	+
450.0	1.8835	0.4545	10.1356	0.1509	0.0364	457.5	1.6214	0.5889	9.507	0.1425	0.0517	-84.572	84.572	+
455.0	1.7297	0.536	9.5854	0.1459	0.0452	462.5	1.3766	0.7003	8.2298	0.1344	0.0678	-94.7155	94.7153	+
460.0	1.513	0.6416	8.7361	0.1389	0.0589	467.5	1.1131	0.8359	7.1092	0.1228	0.0922	-116.222	116.222	+
465.0	1.2621	0.759	7.7236	0.1295	0.0778	472.5	0.8056	0.9942	5.767	0.1064	0.1313	-122.837	122.837	+
470.0	0.9641	0.9129	6.4949	0.1151	0.109	477.5	0.5189	1.1532	4.3933	0.0855	0.1901	-106.555	106.555	+
475.0	0.6471	1.0756	5.0391	0.0957	0.159	482.5	0.2942	1.3322	3.2464	0.0603	0.2733	-95.1414	95.1414	+
480.0	0.3907	1.2308	3.7474	0.0727	0.2292	487.5	0.1375	1.5268	2.3645	0.0341	0.3789	-74.912	74.9119	+
485.0	0.1977	1.4336	2.7453	0.0451	0.3275	492.5	0.0507	1.7471	1.7085	0.0144	0.4982	-65.0218	65.0218	+
490.0	0.0772	1.6201	1.9837	0.0209	0.4401	497.5	0.0211	2.0203	1.2303	0.0064	0.6174	-56.4505	56.4505	+
495.0	0.0243	1.8741	1.4333	0.0073	0.5624	502.5	0.0449	2.3225	0.8849	0.0138	0.714	-49.3463	49.3463	+
500.0	0.0179	2.1666	1.0273	0.0055	0.6745	507.5	0.1226	2.6425	0.6303	0.0361	0.7892	-47.9462	47.9462	+
505.0	0.072	2.4784	0.7425	0.0218	0.7526	512.5	0.2503	2.9763	0.4477	0.0681	0.8809	-44.7905	44.7906	+
510.0	0.1732	2.8066	0.5181	0.0495	0.8023	517.5	0.4314	3.3062	0.3268	0.1061	0.8134	-48.4188	48.4187	+
515.0	0.3274	3.146	0.3773	0.085	0.8169	522.5	0.658	3.5906	0.2352	0.1467	0.8007	-54.0646	54.0646	+
520.0	0.5355	3.4663	0.2762	0.1251	0.8102	527.5	0.9194	3.8818	0.1652	0.1726	0.786	-62.233	62.233	+
525.0	0.7806	3.7149	0.1942	0.1664	0.7921	532.5	1.2038	4.0071	0.137	0.226	0.7525	-61.5761	61.5761	+
530.0	1.0581	3.9159	0.1362	0.207	0.7662	537.5	1.5034	4.1648	0.0777	0.2617	0.725	-67.3834	67.3835	+
535.0	1.3495	4.0983	0.0913	0.2436	0.7398	542.5	1.8133	4.2571	0.0743	0.2963	0.6958	-75.4645	75.4645	+
540.0	1.6573	4.2313	0.0601	0.2785	0.7112	547.5	2.1297	4.2851	0.0258	0.3306	0.6653	-82.2546	82.2545	+
545.0	1.9692	4.2829	0.0345	0.3132	0.6812	552.5	2.465	4.284	0.0109	0.3646	0.6337	-90.5132	90.513	+
550.0	2.2901	4.2872	0.0172	0.3472	0.6501	557.5	2.8173	4.2581	0.0023	0.398	0.6016	-97.377	97.3777	+
555.0	2.6398	4.2809	0.0046	0.3811	0.6181	562.5	3.1679	4.1851	0.0	0.4308	0.5691	-104.642	104.642	+
560.0	2.9948	4.2533	0.0	0.4142	0.5857	567.5	3.503	4.0601	0.0	0.4631	0.5368	-108.897	108.897	+
565.0	3.341	4.1348	0.0	0.4469	0.553	572.5	3.7982	3.884	0.0	0.4944	0.5055	-106.86	106.86	+
570.0	3.665	3.9854	0.0	0.479	0.5209	577.5	4.0423	3.6704	0.0	0.5241	0.4578	-101.923	101.923	+
575.0	3.9313	3.7826	0.0	0.5096	0.4903	582.5	4.256	3.4371	0.0	0.552	0.4479	-94.5804	94.5803	+
580.0	4.1533	3.5582	0.0	0.5385	0.4614	587.5	4.4271	3.2539	0.0	0.5776	0.4223	-85.2363	85.2365	+
585.0	4.3587	3.3496	0.0	0.5654	0.4345	592.5	4.5058	2.9962	0.0	0.6006	0.3933	-72.1552	72.1558	+
590.0	4.4956	3.1246	0.0	0.5899	0.41	597.5	4.4943	2.7318	0.0	0.6218	0.3693	-65.0613	65.0613	+
595.0	4.5161	2.8678	0.0	0.6116	0.3883	602.5	4.343	2.4577	0.0	0.6395	0.3613	-55.0515	55.0513	+
600.0	4.4324	2.596	0.0	0.6306	0.3693	607.5	4.1196	2.1908	0.0	0.6538	0.3461	-33.0664	33.0664	+
605.0	4.2535	2.3195	0.0	0.6471	0.3528	612.5	3.8132	1.9053	0.0	0.6668	0.3331	-22.8779	22.8777	+
610.0	3.9856	2.0421	0.0	0.6612	0.3387	617.5	3.4439	1.639	0.0	0.6775	0.3224	-14.5883	14.5882	+
615.0	3.6409	1.7685	0.0	0.673	0.3269	622.5	3.0403	1.3919	0.0	0.6859	0.314	-8.26978	8.26981	+
620.0	3.2469	1.5095	0.0	0.6826	0.3173	627.5	2.6199	1.1639	0.0	0.6923	0.3075	-4.80066	4.80072	+
625.0	2.8338	1.2744	0.0	0.6897	0.3102	632.5	2.1871	0.9464	0.0	0.6979	0.302	-3.1897	3.18973	+
630.0	2.4061	1.0534	0.0	0.6954	0.3045	637.5	1.7696	0.7469	0.0	0.7031	0.2967	-1.80763	1.80766	+
635.0	1.9681	0.8393	0.0	0.701	0.2989	642.5	1.4045	0.5797	0.0	0.7077	0.2921	-0.999237	0.999222	+
640.0	1.571	0.6545	0.0	0.7058	0.294	647.5	1.0971	0.4442	0.0	0.7117	0.2881	-0.481651	0.481655	+
645.0	1.238	0.505	0.0	0.7102	0.2897	652.5	0.8383	0.3349	0.0	0.7144	0.2854	-0.148407	0.148411	+
650.0	0.9563	0.3835	0.0	0.7137	0.2862	657.5	0.6263	0.2482	0.0	0.716	0.2838	-0.0541839	0.0541858	+
655.0	0.7204	0.2863	0.0	0.7155	0.2843	662.5	0.4597	0.1812	0.0	0.7171	0.2826	-0.0240592	0.0240602	+
660.0	0.5323	0.2102	0.0	0.7167	0.2831	667.5	0.3322	0.1303	0.0	0.718	0.2817	-0.0108814	0.0108814	+
665.0	0.3871	0.1521	0.0	0.7177	0.282	672.5	0.2364	0.0922	0.0	0.719	0.2809	-0.003959	0.003959	+
670.0	0.2773	0.1085	0.0	0.7185	0.2811	677.5	0.1659	0.0646	0.0	0.7192	0.2803	-0.0014154	0.0014154	+
675.0	0.1954	0.0762	0.0	0.719	0.2805	682.5	0.1153	0.0448	0.0	0.7194	0.2799	-0.000259	0.0002591	+
680.0	0.1363	0.053	0.0	0.7194	0.28	687.5	0.0797	0.0309	0.0	0.7194	0.2796	-0.0001063	0.0001063	+
685.0	0.0944	0.0367	0.0	0.7194	0.2797	692.5	0.0548	0.0212	0.0	0.7192	0.2794	-0.0381469	0.0381618	+
690.0	0.065	0.0252	0.0	0.7193	0.2795	697.5	0.0382	0.0145	0.0	0.7225	0.2756	-0.0013968	0.0013968	+
695.0	0.0446	0.0173	0.0	0.7191	0.2792	702.5	0.0374	0.0135	0.0109	0.6031	0.2186	-0.0235819	0.0235819	+
700.0	0.0318	0.0118	0.0	0.7223	0.273	-497.5	0.0435	0.0152	0.0262	0.517	0.179	-0.012082	0.012082	+
-495.0	0.0431	0.0153	0.0219	0.5355	0.2904	-502.5	0.0443	0.0151	0.0334	0.4768	0.1624	-0.00836	0.0083599	+
-500.0	0.044	0.0151	0.0304	0.4904	0.1688	-507.5	0.0449	0.015	0.0388	0.4545	0.1517	-0.0068986	0.0068986	+
-505.0	0.0447	0.015	0.0364	0.4642	0.1565	-512.5	0.0454	0.0149	0.0432	0.4382	0.1439	-0.0054464	0.0054464	+
-510.0	0.0452	0.0149	0.0412	0.4453	0.1471	-517.5	0.0458	0.0148	0.0469	0.4253	0.1378	-0.0052035	0.0052035	+
-515.0	0.0456	0.0149	0.0451	0.4314	0.1408	-522.5	0.0463	0.0147	0.0508	0.4133	0.1319	-0.0056739	0.005674	+
-520.0	0.046	0.0148	0.0488	0.4195	0.1349	-527.5	0.0468	0.0146	0.0551	0.4007	0.1258	-0.0065546	0.0065546	+
-525.0	0.0465	0.0147	0.0528	0.4073	0.1289	-532.5	0.0473	0.0143	0.0601	0.3875	0.1199	-0.0074263	0.0074263	+
-530.0	0.047	0.0145	0.0575	0.3943	0.1228	-537.5	0.0478	0.0144	0.0661	0.3731	0.1123	-0.0094811	0.0094811	+
-535.0	0.0476	0.0145	0.0627	0.381	0.1161	-542.5	0.048	0.0143	0.0741	0.3557	0.1041	-0.0133432	0.0133432	+
-540.0	0.0483	0.0143	0.0694	0.3656	0.1088	-547.5	0.0501	0.014	0.0859	0.3338	0.0936	-0.0202024	0.0202024	+
-545.0	0.0493	0.0142	0.0788	0.3465	0.0998	-552.5	0.0524	0.0136	0.1059	0.3045	0.0794			