

http://130.149.60.45/~farbmetrik/TN11/TN11L0NA.TXT /PS; start output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/2

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

Cod.	i	[X, Y, Z, x, y] ₁₀₀	[L*, a*, b*, C*, h _{ab} , a', b', c'] _{ab100}	[Y, A, B, C _{AB} , h _{AB} , a, b, c, C _{AB}] ₁₀₀	[l _d , e', λ _d , λ _l] ₁₀₀
0005-R00B	00	90.8 93.9 98.6	0.321 0.331 97.6 3.0 2.3 3.8 37.5 0.217	-0.212 0.01 93.9 1.7 1.4 2.2 40.8 0.967	-0.419 0.025 37 16 582 48
0010-R00B	01	87.2 88.1 90.0	0.329 0.332 95.2 6.7 4.0 7.8 30.7 0.218	-0.21 0.011 88.1 3.5 2.3 4.2 33.3 0.99	-0.408 0.049 38 16 598 48
0015-R00B	02	83.9 82.6 82.3	0.337 0.332 92.8 10.7 5.3 12.0 26.5 0.22	-0.208 0.013 82.6 5.5 3.0 6.2 28.5 1.016	-0.398 0.076 39 17 597 48
0020-R00B	03	80.7 77.2 75.3	0.346 0.331 90.4 14.9 6.6 16.3 23.8 0.222	-0.207 0.014 77.2 7.4 3.5 8.2 25.2 1.045	-0.389 0.106 40 17 600 48
0025-R00B	04	77.4 72.0 68.5	0.355 0.33 88.0 18.8 7.8 20.4 22.5 0.225	-0.205 0.016 72.0 9.0 3.9 9.8 23.5 1.074	-0.38 0.137 40 17 603 48
0030-R00B	05	74.2 67.0 62.3	0.365 0.329 85.5 23.0 8.9 24.7 21.2 0.227	-0.203 0.019 67.0 10.6 4.2 11.4 21.8 1.107	-0.371 0.17 41 17 606 48
0035-R00B	06	70.8 62.2 56.3	0.374 0.328 83.0 26.7 10.1 28.6 20.7 0.229	-0.202 0.021 62.2 11.8 4.5 12.6 21.0 1.139	-0.361 0.203 41 17 608 48
0040-R00B	07	67.5 57.5 50.7	0.384 0.327 80.5 30.6 11.3 32.6 20.3 0.231	-0.2 0.024 57.5 12.9 4.8 13.8 20.2 1.174	-0.351 0.24 42 17 610 48
0045-R00B	08	64.1 53.0 45.3	0.395 0.326 77.9 34.1 12.5 36.3 20.2 0.234	-0.198 0.027 53.0 13.8 4.9 14.7 19.7 1.21	-0.341 0.277 42 17 611 48
0050-R00B	09	60.8 48.6 40.1	0.407 0.325 75.2 37.8 13.9 40.3 20.2 0.236	-0.195 0.03 48.6 14.6 5.1 15.5 19.3 1.25	-0.329 0.319 42 17 612 48
0055-R00B	10	57.5 44.4 35.1	0.42 0.324 72.5 41.7 15.4 44.4 20.3 0.239	-0.193 0.034 44.4 15.4 5.3 16.3 18.9 1.296	-0.315 0.366 42 17 613 48
0060-R00B	11	54.3 40.3 30.4	0.435 0.322 69.7 45.8 17.0 48.8 20.4 0.242	-0.19 0.038 40.3 16.0 5.4 16.9 18.5 1.348	-0.3 0.42 43 17 615 48
0065-R00B	12	51.1 36.3 25.9	0.451 0.32 66.7 50.0 18.7 53.3 20.5 0.246	-0.186 0.043 36.3 16.6 5.4 17.5 18.1 1.407	-0.284 0.481 43 17 616 48
0070-R00B	13	47.9 32.5 21.7	0.469 0.318 63.7 54.4 20.6 58.2 20.7 0.25	-0.182 0.048 32.5 17.1 5.4 17.9 17.7 1.475	-0.266 0.552 43 17 618 48
0075-R00B	14	44.5 28.7 17.8	0.489 0.316 60.5 58.4 22.6 62.6 21.1 0.254	-0.178 0.054 28.7 17.2 5.4 18.0 17.4 1.548	-0.247 0.627 43 17 619 48
0080-R00B	15	40.9 25.1 14.2	0.51 0.313 57.2 62.2 24.6 66.9 21.6 0.258	-0.172 0.061 25.1 17.1 5.2 17.9 17.0 1.63	-0.226 0.712 44 17 621 48
0085-R00B	16	37.3 21.5 10.8	0.535 0.309 53.5 66.5 27.2 71.8 22.2 0.263	-0.166 0.069 21.5 16.9 5.0 17.6 16.6 1.732	-0.2 0.814 44 17 623 48
0090-R00B	17	33.8 18.1 7.6	0.568 0.305 49.7 71.4 30.8 77.8 23.3 0.27	-0.156 0.081 18.1 16.6 4.8 17.3 16.3 1.865	-0.167 0.954 45 17 625 48
0095-R00B	18	30.3 14.8 4.5	0.611 0.298 45.4 77.4 36.7 85.6 25.4 0.278	-0.14 0.098 14.8 16.2 4.6 16.9 15.9 2.05	-0.12 1.144 45 17 628 48
0099-R00B	19	27.2 11.6 1.4	0.677 0.289 40.6 85.6 50.8 96.6 30.7 0.291	-0.102 0.136 11.6 16.2 4.5 16.8 15.5 2.342	-0.047 1.446 46 17 631 48
0005-B00G	20	88.5 94.5 106.8	0.305 0.326 97.8 -2.2 -2.4 7.4 22.1 0.214	0.21 0.01 94.5 -1.5 2.0 23.2 0.936	-0.451 0.022 36 36 481 58
0010-B00G	21	82.5 89.3 104.8	0.298 0.323 95.7 -4.2 -4.9 6.6 22.9 0.214	-0.22 0.012 89.3 -2.2 -3.0 3.8 23.4 0.924	-0.469 0.044 36 36 480 58
0015-B00G	22	76.9 84.2 103.1	0.291 0.319 93.5 -6.0 -7.5 9.8 23.1 0.213	-0.223 0.014 84.2 -3.0 -4.5 5.5 23.6 0.93	-0.489 0.067 36 36 480 58
0020-B00G	23	71.5 79.3 101.5	0.283 0.314 91.4 -7.9 -10.3 13.1 23.2 0.212	-0.226 0.016 79.3 -3.7 -6.0 7.2 23.8 0.901	-0.511 0.091 36 36 480 58
0025-B00G	24	66.4 74.6 99.9	0.276 0.31 89.2 -9.4 -12.9 16.1 23.3 0.211	-0.23 0.019 74.6 -4.3 -7.4 8.7 23.9 0.891	-0.535 0.117 36 36 479 58
0030-B00G	25	61.7 70.0 97.9	0.269 0.305 87.0 -10.6 -15.5 18.9 23.5 0.21	-0.233 0.022 70.0 -4.6 -8.6 9.9 24.1 0.882	-0.559 0.142 35 35 479 57
0035-B00G	26	57.3 65.5 95.8	0.262 0.3 84.8 -11.8 -17.9 21.6 23.6 0.21	-0.237 0.025 65.5 -4.9 -9.7 11.0 24.3 0.874	-0.584 0.168 35 35 479 57
0040-B00G	27	52.8 61.2 94.6	0.253 0.293 82.5 -13.3 -21.0 25.0 23.7 0.209	-0.241 0.029 61.2 -5.5 -12.1 12.4 24.4 0.862	-0.617 0.203 35 35 478 57
0045-B00G	28	48.6 57.1 93.5	0.244 0.287 80.2 -14.7 -24.2 28.4 23.8 0.208	-0.246 0.034 57.1 -5.5 -12.5 13.8 24.5 0.851	-0.654 0.241 35 35 478 57
0050-B00G	29	44.4 53.0 92.9	0.233 0.279 77.9 -16.3 -27.8 32.4 23.9 0.207	-0.252 0.039 53.0 -5.8 -14.0 15.3 24.7 0.838	-0.7 0.288 35 35 478 57
0055-B00G	30	40.5 49.1 92.2	0.223 0.27 75.5 -17.8 -31.4 36.3 24.0 0.206	-0.258 0.045 49.1 -6.0 -15.4 16.7 24.8 0.826	-0.751 0.34 35 35 478 57
0060-B00G	31	36.8 45.3 91.5	0.212 0.261 73.1 -19.1 -35.1 40.1 24.1 0.205	-0.264 0.052 45.3 -6.0 -16.8 18.0 25.0 0.814	-0.807 0.397 35 35 477 57
0065-B00G	32	33.3 41.5 90.4	0.202 0.251 70.6 -20.2 -38.7 43.8 24.2 0.204	-0.271 0.058 41.5 -6.0 -18.0 19.1 25.1 0.803	-0.87 0.46 35 35 477 57
0070-B00G	33	30.1 37.9 89.2	0.191 0.241 68.0 -21.1 -42.3 47.4 24.3 0.203	-0.278 0.065 37.9 -5.9 -19.1 20.1 25.2 0.792	-0.94 0.53 35 35 477 57
0075-B00G	34	26.9 34.4 88.1	0.18 0.23 65.3 -21.8 -46.1 51.2 24.4 0.202	-0.285 0.073 34.4 -5.7 -20.1 21.0 25.4 0.782	-1.022 0.611 35 35 477 57
0080-B00G	35	23.9 31.0 87.3	0.168 0.218 62.5 -22.6 -50.4 55.3 24.5 0.201	-0.295 0.082 31.0 -5.4 -21.3 22.1 25.5 0.771	-1.124 0.713 35 35 476 57
0085-B00G	36	21.1 27.7 86.4	0.156 0.205 59.6 -23.1 -54.8 59.6 24.7 0.2	-0.305 0.093 27.7 -5.1 -22.4 23.1 25.6 0.761	-1.247 0.835 35 34 476 57
0090-B00G	37	18.3 24.5 86.0	0.142 0.19 56.6 -23.7 -59.8 64.4 24.8 0.199	-0.318 0.105 24.5 -4.8 -23.7 24.3 25.8 0.749	-1.405 0.992 35 34 476 57
0095-B00G	38	15.7 21.3 85.1	0.128 0.175 53.3 -24.3 -64.7 69.2 24.9 0.198	-0.331 0.119 21.3 -4.5 -24.7 25.2 25.9 0.735	-1.595 1.18 35 34 475 57
0099-B00G	39	13.3 18.3 82.7	0.116 0.16 49.9 -24.1 -68.9 73.1 25.0 0.197	-0.345 0.133 18.3 -4.0 -25.0 25.4 26.0 0.727	-1.806 1.39 35 34 475 57
0005-G00Y	40	89.8 96.7 101.6	0.312 0.336 98.7 -3.6 2.2 4.3 14.8 0.214	-0.212 0.01 96.7 -1.9 1.4 2.5 14.5 0.929	-0.419 0.027 27 51 537 53
0010-G00Y	41	84.5 93.4 95.1	0.31 0.342 97.4 -7.7 4.3 8.9 15.1 0.212	-0.21 0.012 93.4 -4.1 2.6 4.9 14.8 0.905	-0.406 0.054 26 51 531 53
0015-G00Y	42	79.3 90.1 89.1	0.307 0.349 96.0 -11.9 6.1 13.5 15.3 0.21	-0.208 0.013 90.1 -6.1 3.6 7.2 15.2 0.92	-0.394 0.08 25 51 527 52
0020-G00Y	43	74.3 86.8 83.5	0.304 0.355 94.7 -16.2 7.6 18.0 15.4 0.208	-0.206 0.015 86.8 -8.1 4.3 9.2 15.2 0.91	-0.384 0.107 24 51 523 52
0025-G00Y	44	69.4 83.5 78.3	0.3 0.361 93.2 -20.3 9.1 22.3 15.6 0.206	-0.204 0.017 83.5 -9.8 5.0 11.0 15.3 0.91	-0.374 0.133 24 51 520 52
0030-G00Y	45	64.6 80.1 73.3	0.296 0.367 91.7 -24.4 10.4 26.6 15.7 0.204	-0.202 0.019 80.1 -11.3 5.5 12.7 15.4 0.907	-0.365 0.159 23 51 517 51
0035-G00Y	46	59.8 76.7 68.3	0.292 0.374 90.2 -28.9 11.8 31.3 15.7 0.202	-0.201 0.022 76.7 -12.9 6.0 14.3 15.5 0.9	-0.355 0.187 23 51 516 51
0040-G00Y	47	55.3 73.2 63.7	0.288 0.381 88.6 -33.2 13.0 35.7 15.8 0.2	-0.199 0.024 73.2 -14.2 6.4 15.6 15.5 0.9	-0.347 0.214 22 51 514 51
0045-G00Y	48	50.7 69.8 58.9	0.283 0.389 86.9 -37.8 14.4 40.6 15.9 0.197	-0.197 0.027 69.8 -15.5 6.8 17.0 15.6 0.9	-0.337 0.244 22 51 513 51
0050-G00Y	49	46.3 66.3 54.3	0.277 0.397 85.1 -42.4 15.7 45.3 15.9 0.194	-0.195 0.03 66.3 -16.6 7.1 18.1 15.6 0.9	-0.327 0.274 22 51 512 51
0055-G00Y	50	41.9 62.8 49.7	0.272 0.407 83.3 -47.2 17.2 50.4 16.0 0.192	-0.193 0.034 62.8 -17.6 7.4 19.2 15.7 0.68	-0.316 0.305 22 51 511 51
0060-G00Y	51	37.8 59.2 45.3	0.266 0.416 81.4 -52.0 18.6 55.3 16.0 0.189	-0.191 0.037 59.2 -18.3 7.6 19.9 15.7 0.638	-0.305 0.337 22 51 511 51
0065-G00Y	52	33.5 55.6 40.8	0.258 0.428 79.4 -57.8 20.3 61.3 16.0 0.185	-0.188 0.042 55.6 -19.2 7.9 20.8 15.7 0.602	-0.292 0.375 22 51 510 51
0070-G00Y	53	29.1 52.0 36.2	0.248 0.443 77.3 -64.6 22.1 68.4 16.1 0.181	-0.185 0.047 52.0 -20.1 8.1 21.8 15.8 0.561	-0.278 0.419 22 51 510 51
0075-G00Y	54	24.9 48.3 31.9	0.237 0.459 75.0 -72.1 24.0 76.1 16.1 0.176	-0.181 0.053 48.3 -20.8 8.2 22.5 15.8 0.516	-0.263 0.466 21 51 509 50
0080-G00Y	55	20.9 44.6 27.8	0.224 0.478 72.6 -80.1 25.9 84.3 16.2 0.171	-0.178 0.059 44.6 -21.4 8.3 23.0 15.9 0.468	-0.248 0.516 21 51 508 50
0085-G00Y	56	16.6 40.8 23.6	0.205 0.503 70.1 -91.0 28.1 95.4 16.2 0.163	-0.174 0.068 40.8 -22.0 8.3 23.6 15.9 0.408	-0.23 0.579 21 51 507 50
0090-G00Y	57	12.6 37.1 19.7	0.182 0.535 67.3 -104.1 30.6 108.6 16.3 0.153	-0.169 0.078 37.1 -22.5 8.3 24.1 15.9 0.349	-0.211 0.649 21 51 507 50
0095-G00Y	58	8.2 33.5 15.7	0.143 0.583 64.4 -125.6 33.8 130.2 16.5 0.137	-0.162 0.095 33.8 -23.3 8.2 24.8 16.0 0.245	-0.187 0.746 21 51 506 50
0099-G00Y	59	3.7 29.5 11.7	0.083 0.658 61.2 -163.1 38.2 167.6 16.6 0.11	-0.153 0.123 29.5 -24.2 8.2 25.6 16.1 0.126	-0.157 0.869 21 51 505 50
0005-Y00R	60	92.7 99.0 92.7	0.326 0.338 99.6 -2.2 9.7 10.0 10.3 0.214	-0.204 0.015 99.6 -1.2 6.0 6.1 10.2 0.936	-0.374 0.063 33 13 567 46
0010-Y00R	61	91.1 98.1 80.7	0.338 0.364 99.3 -3.5 17.7 18.1 10.6 0.214	-0.195 0.022 98.1 -1.9 10.4 10.6 10.1 0.929	-0.328 0.109 33 13 567 46
0015-Y00R	62	89.9 97.2 71.6	0.347 0.376 98.9 -4.2 24.1 24.5 10.1 0.214	-0.188 0.028 97.2 -2.3 13.6 13.8 9.9 0.925	-0.294 0.143 33 13 568 46
0020-Y00R	63	88.8 96.2 63.7	0.357 0.387 98.5 -4.5 30.1 30.4 9.8 0.213	-0.182 0.034 96.2 -2.4 16.4 16.6 9.8 0.923	-0.264 0.172 33 13 568 46
0025-Y00R	64	87.7 95.2 56.8	0.366 0.397 98.1 -4.7 35.7 36.0 9.7 0.213	-0.175 0.04 95.2 -2.5 18.7 18.9 9.8 0.922	-0.238 0.199 33 13 568 46
0030-Y00R	65	86.8 94.2 50.7	0.375 0.407 97.7 -4.8 4		

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Cod.	i	[X, Y, Z, x, y] ₁₀₀	[L*, a*, b*, C* _{ab} , h _{ab} , a', b', c' _{ab}] ₁₀₀	[Y, A, B, C _{AB} , h _{AB} , a, b, c _{AB}] ₁₀₀	[i _d , i _c , λ _d , λ _c] ₁₀₀	[X, Y, Z] ₈₉	[L*, a*, b*, C* _{ab} , h _{ab}] ₈₉	[Y, A, B, C _{AB} , h _{AB}] ₈₉
9900-W99N	80	0.7 0.8 0.9	0.312 0.329 7.0 0.0 0.0 0.0	227.8 0.215 -0.215 0.01	16 36 481 583	0.7 0.7 0.8	6.2 0.0 0.0 0.0	227.8 0.7 0.0 0.0 0.0
9500-W95N	81	2.4 2.5 2.8	0.312 0.329 18.1 0.0 0.0 0.0	164.0 0.215 -0.214 0.01	20 -1 504 504c	2.1 2.2 2.4	16.7 0.0 0.0 0.0	164.0 2.2 0.0 0.0 0.0
9000-W90N	82	4.2 4.4 4.8	0.313 0.329 25.0 0.0 0.0 0.0	329.0 0.215 -0.215 0.01	-1 27 537c 537	3.7 3.9 4.2	23.3 0.0 0.0 0.0	329.0 3.9 0.0 0.0 0.0
8500-W85N	83	6.1 6.4 7.0	0.313 0.329 30.4 0.0 0.0 0.1	325.8 0.215 -0.215 0.01	-1 28 542c 542	5.4 5.7 6.2	28.6 0.0 0.0 0.1	325.8 5.7 0.0 0.0 0.0
8000-W80N	84	8.1 8.6 9.3	0.313 0.329 35.1 0.0 0.0 0.0	318.5 0.215 -0.215 0.01	-1 30 550c 550	7.2 7.6 8.3	33.1 0.0 0.0 0.0	318.5 7.6 0.0 0.0 0.0
7500-W75N	85	10.4 10.9 11.9	0.313 0.329 39.4 0.1 0.0 0.1	351.1 0.216 -0.214 0.01	-1 19 497c 497	9.2 9.7 10.5	37.2 0.1 0.0 0.1	351.1 9.7 0.0 0.0 0.0
7000-W70N	86	12.8 13.4 14.6	0.313 0.329 43.4 0.1 0.0 0.1	331.0 0.215 -0.215 0.01	-1 26 533c 533	11.3 11.9 12.9	41.0 0.1 0.0 0.1	331.0 11.9 0.0 0.0 0.0
6500-W65N	87	15.4 16.1 17.6	0.313 0.329 47.2 0.1 0.0 0.1	342.8 0.216 -0.215 0.01	-1 21 506c 506	13.6 14.3 15.6	44.7 0.1 0.0 0.1	342.8 14.3 0.0 0.0 0.0
6000-W60N	88	18.2 19.1 20.8	0.313 0.329 50.8 0.1 0.0 0.1	334.8 0.216 -0.215 0.01	-1 24 523c 523	16.1 16.9 18.5	48.2 0.1 0.0 0.1	334.8 16.9 0.0 0.0 0.0
5500-W55N	89	21.3 22.4 24.4	0.313 0.329 54.4 0.1 0.0 0.1	344.2 0.216 -0.214 0.01	-1 20 504c 504	18.9 19.8 21.6	51.7 0.1 0.0 0.1	344.2 19.8 0.0 0.0 0.0
5000-W50N	90	24.7 26.0 28.3	0.313 0.329 58.0 0.1 0.0 0.2	339.5 0.216 -0.215 0.01	-1 22 512c 512	21.9 23.0 25.0	55.1 0.1 0.0 0.1	339.5 23.0 0.0 0.0 0.0
4500-W45N	91	28.4 29.9 32.6	0.313 0.329 61.6 0.1 0.0 0.1	337.4 0.216 -0.215 0.01	-1 23 517c 517	25.2 26.5 28.9	58.5 0.1 0.0 0.1	337.4 26.5 0.0 0.0 0.0
4000-W40N	92	32.6 34.3 37.3	0.313 0.329 65.2 0.1 0.0 0.1	340.2 0.216 -0.215 0.01	-1 22 511c 511	28.9 30.4 33.1	62.0 0.1 0.0 0.1	340.2 30.4 0.0 0.0 0.0
3500-W35N	93	37.2 39.2 42.7	0.313 0.329 68.9 0.1 0.0 0.1	338.0 0.216 -0.215 0.01	-1 23 515c 515	33.0 34.7 37.8	65.5 0.1 0.0 0.1	338.0 34.7 0.0 0.0 0.0
3000-W30N	94	42.4 44.7 48.6	0.313 0.329 72.7 0.1 0.0 0.2	341.0 0.216 -0.215 0.01	-1 21 509c 509	37.6 39.6 43.1	69.2 0.1 0.0 0.2	341.0 39.6 0.0 0.0 0.0
2500-W25N	95	48.3 50.8 55.4	0.313 0.329 76.6 0.1 0.0 0.2	336.2 0.216 -0.215 0.01	-1 24 520c 520	42.8 45.0 49.0	72.9 0.1 0.0 0.2	336.2 45.0 0.0 0.1 0.1
2000-W20N	96	55.0 57.9 63.1	0.313 0.329 80.7 0.2 0.0 0.2	338.8 0.216 -0.215 0.01	-1 22 514c 514	48.8 51.3 55.9	76.9 0.1 0.0 0.2	338.8 51.3 0.1 0.0 0.1
1500-W15N	97	62.8 66.0 71.9	0.313 0.329 85.0 0.2 0.0 0.2	339.6 0.216 -0.215 0.01	-1 22 512c 512	55.6 58.5 63.7	81.0 0.2 0.0 0.2	339.6 58.5 0.1 0.0 0.1
1000-W10N	98	71.7 75.5 82.2	0.313 0.329 89.6 0.2 0.0 0.2	338.8 0.216 -0.215 0.01	-1 22 513c 513	63.6 66.9 72.8	85.4 0.2 0.0 0.2	338.8 66.9 0.1 0.0 0.1
0500-W05N	99	82.3 86.6 94.3	0.313 0.329 94.6 0.2 0.0 0.2	338.5 0.216 -0.215 0.01	-1 22 514c 514	72.9 76.7 83.5	90.2 0.2 0.0 0.2	338.5 76.7 0.1 0.0 0.1
0000-W00N	100	94.9 99.9 108.8	0.313 0.329 100.0 0.2 0.0 0.2	338.2 0.216 -0.215 0.01	-1 23 515c 515	84.1 88.5 96.4	95.4 0.2 0.0 0.2	338.2 88.5 0.1 0.0 0.1

TN110-7N, NCS colours, normalized: Y_n = Y_w = 100 & 892/2

TUB-test chart TN11; ; CIE data: 4 elementary colours
Calculated from XYZ of NCS-Standard SS019104:1998

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

TUB registration: 20130201-TN11/TN11L0NA.TXT /PS
application for measurement of display output, no separation

TUB material: code=rha4ta