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

| %Xn                                                                                                                      | Yn      | Zn      | X0      | Y0      | Z0      | X1      | Y1      | Z1      | DV      | dE*ab | dE*76 | dE*94 | dE*CM | dE*00 | dE*85 | NR       | L*0 | a*0 | b*0 | C*0 | h0  | L*1 | a*1 | b*1 | C*1 | h1  | CODE    | % |
|--------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|-------|-------|-------|-------|-------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|---|
| %1000*(CIEXYZ & DV) for all colours (a) of experiment, iimp=96, colour difference pairs Ma_LV096, xchart3=1, xchart4=0 % |         |         |         |         |         |         |         |         |         |       |       |       |       |       |       |          |     |     |     |     |     |     |     |     |     |     |         |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0037416 | 0046323 | 0059435 | 0070188 | 0075432 | 0060812 | 0026738 | 03505 | 03408 | 02580 | 02778 | 02514 | 14535 | 68000001 | 74  | -19 | -17 | 26  | 221 | 90  | -2  | 8   | 8   | 104 | (CW-W)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0037416 | 0046323 | 0059435 | 0017219 | 0026573 | 0053545 | 0026104 | 03123 | 03057 | 01972 | 01697 | 01574 | 16491 | 68000002 | 74  | -19 | -17 | 26  | 221 | 59  | -37 | -37 | 53  | 224 | (CW-C)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0027079 | 0026226 | 0037489 | 0070173 | 0075418 | 0060694 | 0037674 | 04388 | 04297 | 03831 | 03577 | 03365 | 25865 | 68000003 | 58  | 9   | -19 | 21  | 296 | 90  | -2  | 8   | 9   | 104 | (VW-W)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0027079 | 0026226 | 0037489 | 0006844 | 0005494 | 0017846 | 0033813 | 03700 | 03649 | 03202 | 03171 | 02918 | 33841 | 68000004 | 58  | 9   | -19 | 21  | 296 | 28  | 18  | -39 | 43  | 295 | (VW-V)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0046938 | 0038265 | 0036669 | 0070231 | 0075461 | 0060548 | 0032381 | 04249 | 04231 | 02996 | 03124 | 02963 | 17529 | 68000005 | 68  | 33  | -1  | 33  | 357 | 90  | -2  | 8   | 9   | 103 | (MW-W)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0046938 | 0038265 | 0036669 | 0029153 | 0016396 | 0018216 | 0031361 | 03780 | 03772 | 02435 | 02164 | 02127 | 20465 | 68000006 | 68  | 33  | -1  | 33  | 357 | 48  | 64  | -6  | 64  | 354 | (MW-M)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0045488 | 0038090 | 0019729 | 0070671 | 0075886 | 0061105 | 0030524 | 04197 | 04158 | 02722 | 03222 | 02841 | 17903 | 68000007 | 68  | 29  | 25  | 39  | 41  | 90  | -2  | 8   | 9   | 103 | (OW-W)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0045488 | 0038090 | 0019729 | 0027376 | 0016118 | 0003052 | 0035119 | 04071 | 04025 | 02453 | 02219 | 02156 | 20864 | 68000008 | 68  | 29  | 25  | 39  | 41  | 47  | 58  | 44  | 73  | 37  | (OW-O)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0060343 | 0064297 | 0020892 | 0070217 | 0075535 | 0060299 | 0015819 | 04230 | 04023 | 01406 | 02131 | 01838 | 08358 | 68000009 | 84  | 0   | 51  | 51  | 90  | 90  | -2  | 9   | 9   | 104 | (YW-W)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0060343 | 0064297 | 0020892 | 0059918 | 0063786 | 0060808 | 0012179 | 03738 | 03553 | 01131 | 01260 | 00902 | 02978 | 68000010 | 84  | 0   | 51  | 51  | 90  | 84  | 0   | 88  | 88  | 90  | (YW-Y)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0029127 | 0039628 | 0023333 | 0070554 | 0075886 | 0060812 | 0027563 | 03601 | 03578 | 02438 | 02361 | 02275 | 16403 | 68000011 | 69  | -29 | 20  | 36  | 144 | 90  | -2  | 9   | 9   | 104 | (LW-W)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0029127 | 0039628 | 0023333 | 0009496 | 0018447 | 0005754 | 0026271 | 03277 | 03247 | 02168 | 01918 | 01885 | 17990 | 68000012 | 69  | -29 | 20  | 36  | 144 | 50  | -52 | 34  | 62  | 146 | (LW-L)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0004654 | 0004259 | 0008408 | 0006928 | 0005486 | 0018331 | 0026833 | 02330 | 02240 | 01222 | 01195 | 00926 | 10014 | 68000013 | 25  | 8   | -19 | 21  | 293 | 28  | 19  | -40 | 44  | 295 | (CN-C)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0004654 | 0004259 | 0008408 | 0003321 | 0003553 | 0003273 | 0034430 | 02222 | 02134 | 01210 | 01859 | 01615 | 09914 | 68000014 | 25  | 8   | -19 | 21  | 293 | 22  | 0   | 0   | 0   | 151 | (CN-N)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0010916 | 0007740 | 0008170 | 0028837 | 0016049 | 0017909 | 0012572 | 03721 | 03712 | 01991 | 01970 | 01626 | 15218 | 68000015 | 33  | 30  | -3  | 30  | 353 | 47  | 64  | -6  | 65  | 354 | (VN-V)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0010916 | 0007740 | 0008170 | 0003273 | 0003491 | 0003220 | 0013350 | 03314 | 03308 | 01786 | 02665 | 02581 | 14511 | 68000016 | 33  | 30  | -3  | 30  | 353 | 22  | 0   | 0   | 0   | 145 | (VN-N)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0010472 | 0007637 | 0003056 | 0026973 | 0015825 | 0003002 | 0027505 | 04110 | 04038 | 02025 | 02026 | 01638 | 15219 | 68000017 | 33  | 28  | 20  | 34  | 36  | 47  | 58  | 44  | 73  | 37  | (MN-M)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0010472 | 0007637 | 0003056 | 0003277 | 0003500 | 0003211 | 0028973 | 03687 | 03629 | 01809 | 02771 | 02440 | 15096 | 68000018 | 33  | 28  | 20  | 34  | 36  | 22  | 0   | 0   | 0   | 140 | (MN-N)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0010472 | 0007637 | 0003056 | 0026973 | 0015825 | 0003002 | 0031295 | 04110 | 04038 | 02025 | 02026 | 01638 | 15219 | 68000019 | 33  | 28  | 20  | 34  | 36  | 47  | 58  | 44  | 73  | 37  | (ON-O)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0010472 | 0007637 | 0003056 | 0003277 | 0003500 | 0003211 | 0033903 | 03687 | 03629 | 01809 | 02771 | 02440 | 15096 | 68000020 | 33  | 28  | 20  | 34  | 36  | 22  | 0   | 0   | 0   | 140 | (ON-N)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0018224 | 0019565 | 0004769 | 0059874 | 0063668 | 0007187 | 0033446 | 05554 | 05373 | 03601 | 03013 | 02832 | 25662 | 68000021 | 51  | -1  | 41  | 41  | 91  | 84  | 0   | 86  | 86  | 90  | (YN-Y)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0018224 | 0019565 | 0004769 | 0003367 | 0003599 | 0003274 | 0038173 | 05048 | 04883 | 03241 | 04001 | 03237 | 29738 | 68000022 | 51  | -1  | 41  | 41  | 91  | 22  | 0   | 0   | 0   | 131 | (YN-N)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0005410 | 0008321 | 0004352 | 0009641 | 0018384 | 0006245 | 0026306 | 03404 | 03357 | 02009 | 01982 | 01718 | 16262 | 68000023 | 35  | -25 | 15  | 29  | 148 | 50  | -50 | 32  | 60  | 147 | (LN-L)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0005410 | 0008321 | 0004352 | 0003304 | 0003532 | 0003239 | 0027600 | 03171 | 03134 | 01768 | 02584 | 02232 | 15307 | 68000024 | 35  | -25 | 15  | 29  | 148 | 22  | 0   | 0   | 0   | 142 | (LN-N)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0017854 | 0027502 | 0053882 | 0071213 | 0076604 | 0061163 | 0056424 | 06569 | 06408 | 03971 | 04055 | 03807 | 29475 | 68000025 | 59  | -38 | -36 | 52  | 223 | 90  | -2  | 9   | 9   | 104 | (C-W)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0017854 | 0027502 | 0053882 | 0003438 | 0003664 | 0003318 | 0069242 | 06455 | 06346 | 04037 | 04722 | 04143 | 36448 | 68000026 | 59  | -38 | -36 | 52  | 223 | 23  | 0   | 0   | 0   | 117 | (C-N)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0007208 | 0005756 | 0018396 | 0071023 | 0076370 | 0060914 | 0059065 | 08096 | 07953 | 06698 | 06144 | 06345 | 51303 | 68000027 | 29  | 19  | -39 | 43  | 295 | 90  | -2  | 9   | 9   | 103 | (V-W)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0007208 | 0005756 | 0018396 | 0003463 | 0003686 | 0003330 | 0040875 | 04471 | 04295 | 01722 | 02755 | 02397 | 20011 | 68000028 | 29  | 19  | -39 | 43  | 295 | 23  | 0   | 0   | 0   | 111 | (V-N)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0029710 | 0016786 | 0018810 | 0070759 | 0076047 | 0060812 | 0058776 | 08020 | 07993 | 04874 | 04824 | 04493 | 34725 | 68000029 | 48  | 64  | -6  | 64  | 353 | 90  | -2  | 9   | 9   | 103 | (M-W)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0029710 | 0016786 | 0018810 | 0003503 | 0003712 | 0003314 | 0076966 | 06950 | 06934 | 03068 | 04219 | 03419 | 28403 | 68000030 | 48  | 64  | -6  | 64  | 353 | 23  | 0   | 0   | 0   | 92  | (W-N)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0027668 | 0016382 | 0003198 | 0071008 | 0076326 | 0061090 | 0066014 | 08212 | 08130 | 04711 | 05050 | 04551 | 35405 | 68000031 | 47  | 58  | 44  | 73  | 37  | 90  | -2  | 9   | 9   | 103 | (O-W)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0027668 | 0016382 | 0003198 | 0003517 | 0003737 | 0003368 | 0072963 | 07718 | 07589 | 03015 | 04353 | 03463 | 28824 | 68000032 | 47  | 58  | 44  | 73  | 37  | 23  | 0   | 0   | 0   | 103 | (O-N)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0060738 | 0064723 | 0007054 | 0071228 | 0076604 | 0060900 | 0045272 | 07909 | 07518 | 01706 | 03143 | 02516 | 11063 | 68000033 | 84  | 0   | 88  | 88  | 90  | 90  | -2  | 9   | 9   | 103 | (Y-W)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0060738 | 0064723 | 0007054 | 0003416 | 0003636 | 0003226 | 0078086 | 10701 | 10350 | 06432 | 06557 | 06665 | 44058 | 68000034 | 84  | 0   | 88  | 88  | 90  | 22  | 0   | 1   | 1   | 104 | (Y-N)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0010048 | 0019139 | 0005958 | 0071008 | 0076384 | 0060856 | 0047292 | 06772 | 06718 | 04249 | 04014 | 03781 | 31188 | 68000035 | 51  | -51 | 35  | 62  | 145 | 90  | -2  | 9   | 9   | 104 | (L-W)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0010048 | 0019139 | 0005958 | 0003430 | 0003661 | 0003302 | 0059703 | 06761 | 06668 | 03263 | 04302 | 03506 | 29810 | 68000036 | 51  | -51 | 35  | 62  | 145 | 23  | 0   | 0   | 0   | 119 | (L-N)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0007343 | 0005864 | 0018463 | 0029563 | 0016748 | 0018535 | 0042475 | 05835 | 05    |       |       |       |       |          |     |     |     |     |     |     |     |     |     |     |         |   |

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| %Xn                                                                                                                      | Yn      | Zn      | X0      | Y0      | Z0      | X1      | Y1      | Z1      | DV      | dE*ab | dE*76 | dE*94 | dE*CM | dE*00 | dE*85 | NR       | L*0 | a*0 | b*0 | C*0 | h0  | L*1 | a*1 | b*1 | C*1 | h1  | CODE     | % |
|--------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|-------|-------|-------|-------|-------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|---|
| %1000*(CIEXYZ & DV) for all colours (a) of experiment, iimp=96, colour difference pairs Ma_LV096, xchart3=1, xchart4=0 % |         |         |         |         |         |         |         |         |         |       |       |       |       |       |       |          |     |     |     |     |     |     |     |     |     |     |          |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0045942 | 0047129 | 0048623 | 0070481 | 0075711 | 0061075 | 0014268 | 02174 | 02129 | 02075 | 02078 | 01775 | 12181 | 68000051 | 74  | 4   | -5  | 6   | 308 | 90  | -2  | 8   | 8   | 104 | (VM-V)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0045942 | 0047129 | 0048623 | 0006548 | 0005434 | 0017841 | 0015273 | 05875 | 05779 | 05406 | 04660 | 04966 | 44920 | 68000052 | 74  | 4   | -5  | 6   | 308 | 28  | 16  | -39 | 42  | 292 | (VM-M)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0058892 | 0055889 | 0048081 | 0070612 | 0075842 | 0061310 | 0015687 | 02066 | 02059 | 01728 | 03121 | 02175 | 08089 | 68000053 | 80  | 15  | 4   | 15  | 16  | 90  | -2  | 8   | 8   | 104 | (MO-M)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0058892 | 0055889 | 0048081 | 0028226 | 0015754 | 0016812 | 0015315 | 05968 | 05953 | 04430 | 03467 | 03349 | 29454 | 68000054 | 80  | 15  | 4   | 15  | 16  | 47  | 64  | -4  | 64  | 355 | (MO-O)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0056182 | 0053677 | 0034500 | 0070744 | 0076033 | 0061002 | 0014704 | 02246 | 02222 | 01646 | 02048 | 01943 | 09336 | 68000055 | 78  | 14  | 19  | 23  | 53  | 90  | -2  | 9   | 9   | 104 | (YO-O)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0056182 | 0053677 | 0034500 | 0026642 | 0015642 | 0002853 | 0013304 | 06048 | 05988 | 04085 | 03440 | 03218 | 29042 | 68000056 | 78  | 14  | 19  | 23  | 53  | 47  | 58  | 45  | 73  | 37  | (YO-Y)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0066276 | 0072004 | 0039188 | 0071037 | 0076326 | 0061368 | 0008307 | 02078 | 01976 | 00913 | 01286 | 01117 | 04457 | 68000057 | 88  | -3  | 29  | 29  | 97  | 90  | -2  | 8   | 9   | 103 | (YL-Y)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0066276 | 0072004 | 0039188 | 0059713 | 0062936 | 0005831 | 0008680 | 06281 | 05973 | 02743 | 02285 | 01748 | 07247 | 68000058 | 88  | -3  | 29  | 29  | 97  | 83  | 0   | 92  | 92  | 89  | (YL-L)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0047553 | 0056519 | 0038939 | 0070920 | 0076179 | 0061705 | 0012415 | 01836 | 01819 | 01326 | 01359 | 01383 | 07892 | 68000059 | 80  | -15 | 15  | 22  | 134 | 90  | -2  | 8   | 8   | 104 | (CL-L)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0047553 | 0056519 | 0038939 | 0008563 | 0016969 | 0005703 | 0013025 | 05094 | 05066 | 03775 | 03095 | 03004 | 27037 | 68000060 | 80  | -15 | 15  | 22  | 134 | 48  | -52 | 31  | 61  | 148 | (CL-C)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0010352 | 0015498 | 0030208 | 0015062 | 0023725 | 0050747 | 0015173 | 01624 | 01595 | 01054 | 01008 | 01033 | 09677 | 68000061 | 46  | -29 | -29 | 41  | 225 | 56  | -38 | -39 | 54  | 225 | (W-Wc)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0010352 | 0015498 | 0030208 | 0007168 | 0009906 | 0016799 | 0011215 | 01604 | 01575 | 00982 | 01072 | 00942 | 09699 | 68000062 | 46  | -29 | -29 | 41  | 225 | 38  | -19 | -20 | 28  | 226 | (Wc-Wc)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0005542 | 0004927 | 0012901 | 0006548 | 0005434 | 0017841 | 0019546 | 01071 | 01030 | 00463 | 00516 | 00355 | 04467 | 68000063 | 27  | 10  | -30 | 31  | 290 | 28  | 16  | -39 | 42  | 292 | (Cw-Cw)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0005542 | 0004927 | 0012901 | 0004553 | 0004341 | 0008548 | 0022399 | 01140 | 01094 | 00498 | 00649 | 00489 | 05116 | 68000064 | 27  | 10  | -30 | 31  | 290 | 25  | 6   | -19 | 20  | 287 | (Cw-C)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0017647 | 0010941 | 0011866 | 0028226 | 0015754 | 0016812 | 0018792 | 01895 | 01891 | 00914 | 00968 | 00829 | 07906 | 68000065 | 39  | 46  | -4  | 46  | 354 | 47  | 64  | -4  | 64  | 355 | (W-Wv)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0017647 | 0010941 | 0011866 | 0011364 | 0008306 | 0008793 | 0013946 | 01869 | 01865 | 00758 | 00961 | 00787 | 06212 | 68000066 | 39  | 46  | -4  | 46  | 354 | 35  | 28  | -3  | 28  | 352 | (Wv-Wv)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0016907 | 0010939 | 0003068 | 0026642 | 0015642 | 0002853 | 0021414 | 02205 | 02161 | 00936 | 01017 | 00845 | 07810 | 68000067 | 39  | 42  | 31  | 53  | 36  | 47  | 58  | 45  | 73  | 37  | (Vw-Vw)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0016907 | 0010939 | 0003068 | 0010447 | 0007750 | 0003166 | 0016220 | 02021 | 01989 | 00829 | 01041 | 00827 | 07310 | 68000068 | 39  | 42  | 31  | 53  | 36  | 33  | 26  | 20  | 33  | 37  | (Vw-V)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0035174 | 0037826 | 0005422 | 0059713 | 0062936 | 0005831 | 0005582 | 02940 | 02836 | 01675 | 01421 | 01258 | 12207 | 68000069 | 68  | -1  | 67  | 67  | 91  | 83  | 0   | 92  | 92  | 89  | (W-Wm)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0035174 | 0037826 | 0005422 | 0018153 | 0019577 | 0004622 | 0005428 | 02955 | 02854 | 01762 | 01663 | 01623 | 14967 | 68000070 | 68  | -1  | 67  | 67  | 91  | 51  | -1  | 42  | 42  | 92  | (Wm-Wm)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0006494 | 0011674 | 0005092 | 0008563 | 0016969 | 0005703 | 0015247 | 01783 | 01753 | 00929 | 00961 | 00856 | 08072 | 68000071 | 41  | -39 | 21  | 45  | 150 | 48  | -52 | 31  | 61  | 148 | (Mw-Mw)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0006494 | 0011674 | 0005092 | 0004786 | 0007725 | 0004377 | 0013146 | 01630 | 01605 | 00882 | 01028 | 00825 | 08288 | 68000072 | 41  | -39 | 21  | 45  | 150 | 33  | -27 | 13  | 30  | 154 | (Mw-M)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0025491 | 0034867 | 0055626 | 0036361 | 0045166 | 0056827 | 0011272 | 01628 | 01587 | 00911 | 00908 | 00829 | 08017 | 68000073 | 66  | -28 | -27 | 39  | 223 | 73  | -19 | -16 | 25  | 218 | (W-Wo)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0025491 | 0034867 | 0055626 | 0007001 | 0009798 | 0016565 | 0014522 | 03026 | 03017 | 02843 | 02597 | 02828 | 25692 | 68000074 | 66  | -28 | -27 | 39  | 223 | 37  | -20 | -20 | 28  | 224 | (Wo-Wo)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0015037 | 0013624 | 0027536 | 0026633 | 0025810 | 0036127 | 0003803 | 01890 | 01854 | 01504 | 01451 | 01542 | 15905 | 68000075 | 44  | 13  | -30 | 33  | 294 | 58  | 9   | -18 | 20  | 297 | (Ow-Ow)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0015037 | 0013624 | 0027536 | 0004577 | 0004370 | 0008488 | 0005496 | 02293 | 02268 | 01960 | 02267 | 01620 | 20101 | 68000076 | 44  | 13  | -30 | 33  | 294 | 25  | 6   | -19 | 20  | 287 | (Ow-O)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0037181 | 0025661 | 0025782 | 0046499 | 0037943 | 0035350 | 0011442 | 01918 | 01912 | 01152 | 01094 | 01049 | 09943 | 68000077 | 58  | 48  | -3  | 48  | 356 | 68  | 32  | 0   | 32  | 0   | (W-Wy)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0037181 | 0025661 | 0025782 | 0011418 | 0008304 | 0008577 | 0015354 | 03031 | 03028 | 02390 | 02377 | 02339 | 22571 | 68000078 | 58  | 48  | -3  | 48  | 356 | 35  | 29  | -2  | 29  | 354 | (Wy-Wy)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0035160 | 0024730 | 0007549 | 0044960 | 0037445 | 0017444 | 0013195 | 02125 | 02103 | 01199 | 01173 | 01097 | 10599 | 68000079 | 57  | 45  | 39  | 60  | 40  | 68  | 30  | 29  | 42  | 44  | (Yw-Yw)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0035160 | 0024730 | 0007549 | 0010501 | 0007718 | 0002999 | 0017420 | 03448 | 03401 | 02440 | 02492 | 02365 | 23010 | 68000080 | 57  | 45  | 39  | 60  | 40  | 33  | 27  | 21  | 34  | 38  | (Yw-Y)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0061207 | 0066217 | 0011149 | 0062994 | 0068913 | 0022318 | 0015822 | 02338 | 02223 | 00560 | 00832 | 00630 | 02374 | 68000081 | 85  | -3  | 75  | 75  | 92  | 86  | -4  | 52  | 52  | 95  | (W-Wl)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0061207 | 0066217 | 0011149 | 0018226 | 0019628 | 0004638 | 0014030 | 04727 | 04612 | 03451 | 02913 | 02809 | 26292 | 68000082 | 85  | -3  | 75  | 75  | 92  | 51  | -1  | 42  | 42  | 92  | (Wl-Wl)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0017597 | 0027986 | 0012476 | 0028712 | 0039057 | 0021875 | 0007965 | 01612 | 01601 | 00989 | 00916 | 00873 | 08267 | 68000083 | 60  | -41 | 28  | 50  | 145 | 69  | -29 | 22  | 37  | 141 | (Lw-Lw)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0017597 | 0027986 | 0012476 | 0004810 | 0007775 | 0004383 | 0010821 | 03332 | 03295 | 02726 | 02670 | 02673 | 25167 | 68000084 | 60  | -41 | 28  | 50  | 145 | 34  | -28 | 13  | 30  | 154 | (Lw-L)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0004461 | 0005800 | 0007838 | 0007001 | 0009798 | 0016565 | 0017131 | 01524 | 01491 | 01131 | 01238 | 00947 | 10349 | 68000085 | 29  | -12 | -10 | 16  | 218 | 37  | -20 | -20 | 28  | 224 | (C-Cn)%  |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0004461 | 0005800 | 0007838 | 0002914 | 0003245 | 0003159 | 0018337 | 01582 | 01555 | 01125 | 01616 | 01267 | 09857 | 68000086 | 29  | -12 | -10 | 16  | 218 | 21  | -2  | 0   | 2   | 198 | (Cn-Cn)% |   |
| 0094433                                                                                                                  | 0100000 | 0093400 | 0003805 |         |         |         |         |         |         |       |       |       |       |       |       |          |     |     |     |     |     |     |     |     |     |     |          |   |

| %Xn | Yn | Zn | X0 | Y0 | Z0 | X1 | Y1 | Z1 | DV | dE*ab | dE*76 | dE*94 | dE*CM | dE*00 | dE*85 | NR | L*0 | a*0 | b*0 | C*0 | h0 | L*1 | a*1 | b*1 | C*1 | h1 | CODE | % |
|-----|----|----|----|----|----|----|----|----|----|-------|-------|-------|-------|-------|-------|----|-----|-----|-----|-----|----|-----|-----|-----|-----|----|------|---|
|-----|----|----|----|----|----|----|----|----|----|-------|-------|-------|-------|-------|-------|----|-----|-----|-----|-----|----|-----|-----|-----|-----|----|------|---|

%1000\*(CIEXYZ & DV) for all colours (a) of experiment, iimp=96, colour difference pairs Ma\_LV096, xchart3=1, xchart4=0 %

Minimum, maximum and average colour difference value

STRESS constant F and STRESS value S

iai+1 = 96, d\_CIELABmina = 9.39, d\_CIELABmaxa = 107.01, d\_CIELABavea = 39.86

iai+1 = 96, CIELAB\_Fa = 1.28, CIELAB\_STRESSa = 34.08

iai+1 = 96, d\_CIELCHmina = 9.03, d\_CIELCHmaxa = 103.5, d\_CIELCHavea = 39.05

iai+1 = 96, CIELCHFa = 1.26, CIELCHSTRESSa = 34.0

iai+1 = 96, d\_C94LCHmina = 4.63, d\_C94LCHmaxa = 66.98, d\_C94LCHavea = 24.2

iai+1 = 96, C94LCHFa = 0.75, C94LCHSTRESSa = 43.88

iai+1 = 96, d\_CMCLCHmina = 5.16, d\_CMCLCHmaxa = 65.57, d\_CMCLCHavea = 25.55

iai+1 = 96, CMCLCHFa = 0.8, CMCLCHSTRESSa = 37.08

iai+1 = 96, d\_C00LCHmina = 3.55, d\_C00LCHmaxa = 66.65, d\_C00LCHavea = 23.34

iai+1 = 96, C00LCHFa = 0.74, C00LCHSTRESSa = 38.53

iai+1 = 96, d\_C85LCHmina = 23.74, d\_C85LCHmaxa = 513.03, d\_C85LCHavea = 180.34

iai+1 = 96, C85LCHFa = 5.61, C85LCHSTRESSa = 44.57

see similar files: <http://130.149.60.45/~farbmetrik/YE68/YE68L0NA.TXT>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

| %L*0                                                                                                             | a*0    | b*0    | C*ab0 | hab0   | L*1   | a*1    | b*1    | C*ab1 | hab1  | DV    | dE*ab    | dE*94 | dE*CM | dE*00 | dE*85          | NR | L*0 | a*0 | b*0 | C*0 | h0 | L*1 | a*1 | b*1 | C*1 | h1      | CODE | % |
|------------------------------------------------------------------------------------------------------------------|--------|--------|-------|--------|-------|--------|--------|-------|-------|-------|----------|-------|-------|-------|----------------|----|-----|-----|-----|-----|----|-----|-----|-----|-----|---------|------|---|
| %CIELAB data for all colour (a) of experiment, iimp=96, colour difference pairs Ma_LV096, xchart3=1, xchart4=0 % |        |        |       |        |       |        |        |       |       |       |          |       |       |       |                |    |     |     |     |     |    |     |     |     |     |         |      |   |
| 73.76                                                                                                            | -19.63 | -17.27 | 26.15 | 221.34 | 89.59 | -2.23  | 8.71   | 8.99  | 104.3 | 26.73 | 35.05    | 25.8  | 27.78 | 25.14 | 145.3568000001 | 74 | -19 | -17 | 26  | 221 | 90 | -2  | 8   | 8   | 104 | (CW-W)% |      |   |
| 73.76                                                                                                            | -19.63 | -17.27 | 26.15 | 221.34 | 58.58 | -37.91 | -37.55 | 53.36 | 224.7 | 26.1  | 31.23    | 19.72 | 16.97 | 15.74 | 164.9168000002 | 74 | -19 | -17 | 26  | 221 | 59 | -37 | -37 | 53  | 224 | (CW-C)% |      |   |
| 58.26                                                                                                            | 9.66   | -19.5  | 21.77 | 296.35 | 89.59 | -2.23  | 8.81   | 9.09  | 104.2 | 37.67 | 43.88    | 38.31 | 35.77 | 33.65 | 258.6568000003 | 58 | 9   | -19 | 21  | 296 | 90 | -2  | 8   | 9   | 104 | (VW-W)% |      |   |
| 58.26                                                                                                            | 9.66   | -19.5  | 21.77 | 296.35 | 28.12 | 18.36  | -39.13 | 43.23 | 295.1 | 33.81 | 37.0     | 32.02 | 31.71 | 29.18 | 338.4168000004 | 58 | 9   | -19 | 21  | 296 | 28 | 18  | -39 | 43  | 295 | (VW-V)% |      |   |
| 68.22                                                                                                            | 33.06  | -1.24  | 33.08 | 357.83 | 89.61 | -2.2   | 8.98   | 9.25  | 103.7 | 32.38 | 42.49    | 29.96 | 31.24 | 29.63 | 175.2968000005 | 68 | 33  | -1  | 33  | 357 | 90 | -2  | 8   | 9   | 103 | (MW-W)% |      |   |
| 68.22                                                                                                            | 33.06  | -1.24  | 33.08 | 357.83 | 47.5  | 64.24  | -6.51  | 64.57 | 354.2 | 31.36 | 37.8     | 24.35 | 21.64 | 21.27 | 204.6568000006 | 68 | 33  | -1  | 33  | 357 | 48 | 64  | -6  | 64  | 354 | (MW-M)% |      |   |
| 68.09                                                                                                            | 29.49  | 25.86  | 39.23 | 41.23  | 89.81 | -2.11  | 8.8    | 9.05  | 103.4 | 30.52 | 41.97    | 27.22 | 32.22 | 28.41 | 179.0368000007 | 68 | 29  | 25  | 39  | 41  | 90 | -2  | 8   | 9   | 103 | (OW-W)% |      |   |
| 68.09                                                                                                            | 29.49  | 25.86  | 39.23 | 41.23  | 47.14 | 58.79  | 44.85  | 73.95 | 37.3  | 35.11 | 40.71    | 24.53 | 22.19 | 21.56 | 208.6468000008 | 68 | 29  | 25  | 39  | 41  | 47 | 58  | 44  | 73  | 37  | (OW-O)% |      |   |
| 84.12                                                                                                            | -0.88  | 51.2   | 51.21 | 90.99  | 89.64 | -2.38  | 9.28   | 9.58  | 104.3 | 15.81 | 42.3     | 14.06 | 21.31 | 18.38 | 83.58 68000009 | 84 | 0   | 51  | 51  | 90  | 90 | -2  | 9   | 9   | 104 | (YW-W)% |      |   |
| 84.12                                                                                                            | -0.88  | 51.2   | 51.21 | 90.99  | 83.85 | -0.75  | 88.58  | 88.59 | 90.4  | 12.17 | 37.38    | 11.31 | 12.6  | 9.02  | 29.78 68000010 | 84 | 0   | 51  | 51  | 90  | 84 | 0   | 88  | 88  | 90  | (YW-Y)% |      |   |
| 69.21                                                                                                            | -29.42 | 20.93  | 36.11 | 144.56 | 89.81 | -2.36  | 9.07   | 9.38  | 104.5 | 27.56 | 36.01    | 24.38 | 23.61 | 22.75 | 164.0368000011 | 69 | -29 | 20  | 36  | 144 | 90 | -2  | 9   | 9   | 104 | (LW-W)% |      |   |
| 69.21                                                                                                            | -29.42 | 20.93  | 36.11 | 144.56 | 50.04 | -52.09 | 34.83  | 62.66 | 146.2 | 26.27 | 32.77    | 21.68 | 19.18 | 18.85 | 179.9 68000012 | 69 | -29 | 20  | 36  | 144 | 50 | -52 | 34  | 62  | 146 | (LW-L)% |      |   |
| 24.54                                                                                                            | 8.69   | -19.76 | 21.59 | 293.73 | 28.1  | 19.3   | -40.2  | 44.6  | 295.6 | 26.83 | 23.3     | 12.22 | 11.95 | 9.26  | 100.1468000013 | 25 | 8   | -19 | 21  | 293 | 28 | 19  | -40 | 44  | 295 | (CN-C)% |      |   |
| 24.54                                                                                                            | 8.69   | -19.76 | 21.59 | 293.73 | 22.17 | -0.55  | 0.3    | 0.63  | 151.6 | 34.43 | 22.22    | 12.1  | 18.59 | 16.15 | 99.14 68000014 | 25 | 8   | -19 | 21  | 293 | 22 | 0   | 0   | 0   | 151 | (CN-N)% |      |   |
| 33.45                                                                                                            | 30.46  | -3.54  | 30.66 | 353.36 | 47.05 | 64.96  | -6.63  | 65.3  | 354.1 | 12.57 | 37.21    | 19.91 | 19.7  | 16.26 | 152.1868000015 | 33 | 30  | -3  | 30  | 353 | 47 | 64  | -6  | 65  | 354 | (VN-V)% |      |   |
| 33.45                                                                                                            | 30.46  | -3.54  | 30.66 | 353.36 | 21.94 | -0.39  | 0.27   | 0.47  | 145.1 | 13.35 | 33.14    | 17.86 | 26.65 | 25.81 | 145.1168000016 | 33 | 30  | -3  | 30  | 353 | 22 | 0   | 0   | 0   | 145 | (VN-N)% |      |   |
| 33.23                                                                                                            | 28.06  | 20.85  | 34.96 | 36.62  | 46.75 | 58.81  | 44.54  | 73.78 | 37.1  | 27.5  | 41.1     | 20.25 | 20.26 | 16.38 | 152.1968000017 | 33 | 28  | 20  | 34  | 36  | 47 | 58  | 44  | 73  | 37  | (MN-M)% |      |   |
| 33.23                                                                                                            | 28.06  | 20.85  | 34.96 | 36.62  | 21.98 | -0.46  | 0.38   | 0.6   | 140.1 | 28.97 | 36.87    | 18.09 | 27.71 | 24.4  | 150.9668000018 | 33 | 28  | 20  | 34  | 36  | 22 | 0   | 0   | 0   | 140 | (MN-N)% |      |   |
| 33.23                                                                                                            | 28.06  | 20.85  | 34.96 | 36.62  | 46.75 | 58.81  | 44.54  | 73.78 | 37.1  | 31.29 | 41.1     | 20.25 | 20.26 | 16.38 | 152.1968000019 | 33 | 28  | 20  | 34  | 36  | 47 | 58  | 44  | 73  | 37  | (ON-O)% |      |   |
| 33.23                                                                                                            | 28.06  | 20.85  | 34.96 | 36.62  | 21.98 | -0.46  | 0.38   | 0.6   | 140.1 | 33.9  | 36.87    | 18.09 | 27.71 | 24.4  | 150.9668000020 | 33 | 28  | 20  | 34  | 36  | 22 | 0   | 0   | 0   | 140 | (ON-N)% |      |   |
| 51.35                                                                                                            | -1.32  | 41.88  | 41.9  | 91.81  | 83.79 | -0.59  | 86.96  | 86.96 | 90.3  | 33.44 | 55.54    | 36.01 | 30.13 | 28.32 | 256.6268000021 | 51 | -1  | 41  | 41  | 91  | 84 | 0   | 86  | 86  | 90  | (YN-Y)% |      |   |
| 51.35                                                                                                            | -1.32  | 41.88  | 41.9  | 91.81  | 22.33 | -0.51  | 0.57   | 0.77  | 131.6 | 38.17 | 50.48    | 32.41 | 40.01 | 32.37 | 297.3868000022 | 51 | -1  | 41  | 41  | 91  | 22 | 0   | 0   | 0   | 131 | (YN-N)% |      |   |
| 34.66                                                                                                            | -25.51 | 15.32  | 29.76 | 148.99 | 49.97 | -50.59 | 32.52  | 60.14 | 147.2 | 26.3  | 34.04    | 20.09 | 19.82 | 17.18 | 162.6268000023 | 35 | -25 | 15  | 29  | 148 | 50 | -50 | 32  | 60  | 147 | (LN-L)% |      |   |
| 34.66                                                                                                            | -25.51 | 15.32  | 29.76 | 148.99 | 22.09 | -0.51  | 0.39   | 0.65  | 142.2 | 27.6  | 31.71    | 17.68 | 25.84 | 22.32 | 153.0768000024 | 35 | -25 | 15  | 29  | 148 | 22 | 0   | 0   | 0   | 142 | (LN-N)% |      |   |
| 59.44                                                                                                            | -38.17 | -36.42 | 52.76 | 223.65 | 90.14 | -2.38  | 9.31   | 9.62  | 104.3 | 56.42 | 65.69    | 39.71 | 40.55 | 38.07 | 294.7568000025 | 59 | -38 | -36 | 52  | 223 | 90 | -2  | 9   | 9   | 104 | (C-W)%  |      |   |
| 59.44                                                                                                            | -38.17 | -36.42 | 52.76 | 223.65 | 22.56 | -0.35  | 0.67   | 0.76  | 117.4 | 69.24 | 64.55    | 40.37 | 47.22 | 41.43 | 364.4868000026 | 59 | -38 | -36 | 52  | 223 | 23 | 0   | 0   | 0   | 117 | (C-N)%  |      |   |
| 28.81                                                                                                            | 19.02  | -39.11 | 43.49 | 295.93 | 90.03 | -2.32  | 9.36   | 9.65  | 103.9 | 59.06 | 80.96    | 66.98 | 61.44 | 63.45 | 513.0368000027 | 29 | 19  | -39 | 43  | 295 | 90 | -2  | 9   | 9   | 103 | (V-W)%  |      |   |
| 28.81                                                                                                            | 19.02  | -39.11 | 43.49 | 295.93 | 22.63 | -0.28  | 0.73   | 0.78  | 111.1 | 40.87 | 44.71    | 17.22 | 27.55 | 23.97 | 200.1168000028 | 29 | 19  | -39 | 43  | 295 | 23 | 0   | 0   | 0   | 111 | (V-N)%  |      |   |
| 48.0                                                                                                             | 64.23  | -6.9   | 64.6  | 353.86 | 89.88 | -2.24  | 9.2    | 9.47  | 103.6 | 58.77 | 80.2     | 48.74 | 48.24 | 44.93 | 347.2568000029 | 48 | 64  | -6  | 64  | 353 | 90 | -2  | 9   | 9   | 103 | (M-W)%  |      |   |
| 48.0                                                                                                             | 64.23  | -6.9   | 64.6  | 353.86 | 22.73 | -0.03  | 0.99   | 0.99  | 92.1  | 76.96 | 69.5     | 30.68 | 42.19 | 34.19 | 284.0368000030 | 48 | 64  | -6  | 64  | 353 | 23 | 0   | 0   | 0   | 92  | (M-N)%  |      |   |
| 47.48                                                                                                            | 58.48  | 44.44  | 73.45 | 37.23  | 90.01 | -2.26  | 9.16   | 9.44  | 103.9 | 66.01 | 82.12    | 47.11 | 50.5  | 45.51 | 354.0568000031 | 47 | 58  | 44  | 73  | 37  | 90 | -2  | 9   | 9   | 103 | (O-W)%  |      |   |
| 47.48                                                                                                            | 58.48  | 44.44  | 73.45 | 37.23  | 22.81 | -0.18  | 0.78   | 0.81  | 103.4 | 72.96 | 77.18    | 30.15 | 43.53 | 34.63 | 288.2468000032 | 47 | 58  | 44  | 73  | 37  | 23 | 0   | 0   | 0   | 103 | (O-N)%  |      |   |
| 84.34                                                                                                            | -0.9   | 88.43  | 88.43 | 90.58  | 90.14 | -2.35  | 9.56   | 9.85  | 103.8 | 45.27 | 79.09    | 17.06 | 31.43 | 25.16 | 110.6368000033 | 84 | 0   | 88  | 88  | 90  | 90 | -2  | 9   | 9   | 103 | (Y-W)%  |      |   |
| 84.34                                                                                                            | -0.9   | 88.43  | 88.43 | 90.58  | 22.46 | -0.28  | 1.12   | 1.15  | 104.1 | 78.08 | 107.0164 | 32    | 65.57 | 66.65 | 440.5868000034 | 84 | 0   | 88  | 88  | 90  | 22 | 0   | 1   | 1   | 104 | (Y-N)%  |      |   |
| 50.86                                                                                                            | -51.18 | 35.32  | 62.19 | 145.39 | 90.04 | -2.38  | 9.43   | 9.73  | 104.1 | 47.29 | 67.72    | 42.49 | 40.14 | 37.81 | 311.8868000035 | 51 | -51 | 35  | 62  | 145 | 90 | -2  | 9   | 9   | 104 | (L-W)%  |      |   |
| 50.86                                                                                                            | -51.18 | 35.32  | 62.19 | 145.39 | 22.55 | -0.43  | 0.76   | 0.88  | 119.5 | 59.7  | 67.61    | 32.63 | 43.02 | 35.06 | 298.1 68000036 | 51 | -51 | 35  | 62  | 145 | 23 | 0   | 0   | 0   | 119 | (L-N)%  |      |   |
| 29.09                                                                                                            | 19.14  | -38.78 | 43.24 | 296.26 | 47.95 | 63.87  | -6.41  | 64.19 | 354.2 | 42.47 | 58.35    | 36.96 | 35.07 | 31.59 | 290.1568000037 | 29 | 19  | -38 | 43  | 296 | 48 | 63  | -6  | 64  | 354 | (V-C)%  |      |   |
| 29.09                                                                                                            | 19.14  | -38.78 | 43.24 | 296.26 | 59.49 | -37.97 | -36.16 | 52.44 | 223.6 | 44.2  | 64.75    | 45.89 | 46.39 | 44.44 | 326.8268000038 | 29 | 19  | -38 | 43  | 296 | 59 | -37 | -36 | 52  | 223 | (V-M)%  |      |   |
| 47.45                                                                                                            | 58.53  | 45.08  | 73.88 | 37.6   | 84.39 | -1.02  | 88.0   | 88.01 | 90.6  | 34.54 | 82.18    | 50.42 | 61.81 | 51.42 | 317.1868000039 | 47 | 58  | 45  | 73  | 37  | 84 | -1  | 88  | 88  | 90  | (O-M)%  |      |   |
| 47.45                                                                                                            | 58.53  | 45.08  | 73.88 | 37.6   | 48.   |        |        |       |       |       |          |       |       |       |                |    |     |     |     |     |    |     |     |     |     |         |      |   |

see similar files: <http://130.149.60.45/~farbmetrik/YE68/YE68L0NA.TXT>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

| %L*     | a*                                                                      | b*     | C*ab0 | hab0   | L*1   | a*1    | b*1    | C*ab1 | hab1  | DV    | dE*ab    | dE*94     | dE*CM     | dE*00 | dE*85  | NR        | L*0 | a*0 | b*0 | C*0 | h0  | L*1 | a*1 | b*1 | C*1 | h1  | CODE     | % |
|---------|-------------------------------------------------------------------------|--------|-------|--------|-------|--------|--------|-------|-------|-------|----------|-----------|-----------|-------|--------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|---|
| %CIELAB | data for all colour (a) of experiment, iimp=96, colour difference pairs |        |       |        |       |        |        |       |       |       | Ma_LV096 | xchart3=1 | xchart4=0 |       |        |           |     |     |     |     |     |     |     |     |     |     |          |   |
| 74.27   | 4.14                                                                    | -5.24  | 6.68  | 308.28 | 89.72 | -2.16  | 8.68   | 8.95  | 104.0 | 14.26 | 21.74    | 20.75     | 20.78     | 17.75 | 121.81 | 680000051 | 74  | 4   | -5  | 6   | 308 | 90  | -2  | 8   | 8   | 104 | (VM-V)%  |   |
| 74.27   | 4.14                                                                    | -5.24  | 6.68  | 308.28 | 27.96 | 16.01  | -39.4  | 42.53 | 292.1 | 15.27 | 58.75    | 54.06     | 46.6      | 49.66 | 449.2  | 680000052 | 74  | 4   | -5  | 6   | 308 | 28  | 16  | -39 | 42  | 292 | (VM-M)%  |   |
| 79.55   | 15.32                                                                   | 4.45   | 15.95 | 16.19  | 89.79 | -2.14  | 8.57   | 8.83  | 104.0 | 15.68 | 20.66    | 17.28     | 31.21     | 21.75 | 80.89  | 680000053 | 80  | 15  | 4   | 15  | 16  | 90  | -2  | 8   | 8   | 104 | (MO-M)%  |   |
| 79.55   | 15.32                                                                   | 4.45   | 15.95 | 16.19  | 46.66 | 64.24  | -4.9   | 64.43 | 355.6 | 15.31 | 59.68    | 44.3      | 34.67     | 33.49 | 294.5  | 680000054 | 80  | 15  | 4   | 15  | 16  | 47  | 64  | -4  | 64  | 355 | (MO-O)%  |   |
| 78.27   | 14.17                                                                   | 19.03  | 23.73 | 53.32  | 89.87 | -2.24  | 9.01   | 9.29  | 104.0 | 14.7  | 22.46    | 16.46     | 20.48     | 19.43 | 93.36  | 680000055 | 78  | 14  | 19  | 23  | 53  | 90  | -2  | 9   | 9   | 104 | (YO-O)%  |   |
| 78.27   | 14.17                                                                   | 19.03  | 23.73 | 53.32  | 46.51 | 58.51  | 45.19  | 73.93 | 37.6  | 13.3  | 60.48    | 40.85     | 34.4      | 32.18 | 290.4  | 680000056 | 78  | 14  | 19  | 23  | 53  | 47  | 58  | 45  | 73  | 37  | (YO-Y)%  |   |
| 87.97   | -3.8                                                                    | 29.52  | 29.77 | 97.35  | 90.01 | -2.2   | 8.9    | 9.17  | 103.9 | 8.3   | 20.78    | 9.13      | 12.86     | 11.17 | 44.57  | 680000057 | 88  | -3  | 29  | 29  | 97  | 90  | -2  | 8   | 9   | 103 | (YL-Y)%  |   |
| 87.97   | -3.8                                                                    | 29.52  | 29.77 | 97.35  | 83.41 | 0.67   | 92.02  | 92.02 | 89.5  | 8.68  | 62.81    | 27.43     | 22.85     | 17.48 | 72.47  | 680000058 | 88  | -3  | 29  | 29  | 97  | 83  | 0   | 92  | 92  | 89  | (YL-L)%  |   |
| 79.91   | -15.6                                                                   | 15.94  | 22.31 | 134.37 | 89.94 | -2.16  | 8.46   | 8.74  | 104.3 | 12.41 | 18.36    | 13.26     | 13.59     | 13.83 | 78.92  | 680000059 | 80  | -15 | 15  | 22  | 134 | 90  | -2  | 8   | 8   | 104 | (CL-L)%  |   |
| 79.91   | -15.6                                                                   | 15.94  | 22.31 | 134.37 | 48.23 | -52.15 | 31.94  | 61.16 | 148.5 | 13.02 | 50.94    | 37.75     | 30.95     | 30.04 | 270.3  | 680000060 | 80  | -15 | 15  | 22  | 134 | 48  | -52 | 31  | 61  | 148 | (CL-C)%  |   |
| 46.32   | -29.26                                                                  | -29.84 | 41.79 | 225.56 | 55.82 | -38.36 | -39.37 | 54.97 | 225.7 | 15.17 | 16.24    | 10.54     | 10.08     | 10.33 | 96.77  | 680000061 | 46  | -29 | -29 | 41  | 225 | 56  | -38 | -39 | 54  | 225 | (W-Wc)%  |   |
| 46.32   | -29.26                                                                  | -29.84 | 41.79 | 225.56 | 37.69 | -19.63 | -20.34 | 28.27 | 226.0 | 11.21 | 16.04    | 9.82      | 10.72     | 9.42  | 96.99  | 680000062 | 46  | -29 | -29 | 41  | 225 | 38  | -19 | -20 | 28  | 226 | (Wc-Wc)% |   |
| 26.55   | 10.99                                                                   | -30.03 | 31.98 | 290.09 | 27.96 | 16.01  | -39.4  | 42.53 | 292.1 | 19.54 | 10.71    | 4.63      | 5.16      | 3.55  | 44.67  | 680000063 | 27  | 10  | -30 | 31  | 290 | 28  | 16  | -39 | 42  | 292 | (CW-Cw)% |   |
| 26.55   | 10.99                                                                   | -30.03 | 31.98 | 290.09 | 24.79 | 6.24   | -19.81 | 20.78 | 287.4 | 22.39 | 11.4     | 4.98      | 6.49      | 4.89  | 51.16  | 680000064 | 27  | 10  | -30 | 31  | 290 | 25  | 6   | -19 | 20  | 287 | (Cw-C)%  |   |
| 39.49   | 46.69                                                                   | -4.88  | 46.95 | 354.03 | 46.66 | 64.24  | -4.9   | 64.43 | 355.6 | 18.79 | 18.95    | 9.14      | 9.68      | 8.29  | 79.06  | 680000065 | 39  | 46  | -4  | 46  | 354 | 47  | 64  | -4  | 64  | 355 | (W-Wv)%  |   |
| 39.49   | 46.69                                                                   | -4.88  | 46.95 | 354.03 | 34.63 | 28.67  | -3.71  | 28.91 | 352.6 | 13.94 | 18.69    | 7.58      | 9.61      | 7.87  | 62.12  | 680000066 | 39  | 46  | -4  | 46  | 354 | 35  | 28  | -3  | 28  | 352 | (Wv-Wv)% |   |
| 39.49   | 42.65                                                                   | 31.56  | 53.06 | 36.49  | 46.51 | 58.51  | 45.19  | 73.93 | 37.6  | 21.41 | 22.05    | 9.36      | 10.17     | 8.45  | 78.1   | 680000067 | 39  | 42  | 31  | 53  | 36  | 47  | 58  | 45  | 73  | 37  | (Vw-Vw)% |   |
| 39.49   | 42.65                                                                   | 31.56  | 53.06 | 36.49  | 33.47 | 26.83  | 20.51  | 33.77 | 37.4  | 16.22 | 20.21    | 8.29      | 10.41     | 8.27  | 73.1   | 680000068 | 39  | 42  | 31  | 53  | 36  | 33  | 26  | 20  | 33  | 37  | (Vw-V)%  |   |
| 67.89   | -1.85                                                                   | 67.16  | 67.19 | 91.57  | 83.41 | 0.67   | 92.02  | 92.02 | 89.5  | 5.58  | 29.4     | 16.75     | 14.21     | 12.58 | 122.0  | 680000069 | 68  | -1  | 67  | 67  | 91  | 83  | 0   | 92  | 92  | 89  | (W-Wm)%  |   |
| 67.89   | -1.85                                                                   | 67.16  | 67.19 | 91.57  | 51.36 | -1.75  | 42.67  | 42.7  | 92.3  | 5.42  | 29.55    | 17.62     | 16.63     | 16.23 | 149.6  | 680000070 | 68  | -1  | 67  | 67  | 91  | 51  | -1  | 42  | 42  | 92  | (Wm-Wm)% |   |
| 40.7    | -39.48                                                                  | 21.89  | 45.15 | 150.99 | 48.23 | -52.15 | 31.94  | 61.16 | 148.5 | 15.24 | 17.83    | 9.29      | 9.61      | 8.56  | 80.72  | 680000071 | 41  | -39 | 21  | 45  | 150 | 48  | -52 | 31  | 61  | 148 | (MW-Mw)% |   |
| 40.7    | -39.48                                                                  | 21.89  | 45.15 | 150.99 | 33.42 | -27.88 | 13.05  | 30.78 | 154.9 | 13.14 | 16.3     | 8.82      | 10.28     | 8.25  | 82.88  | 680000072 | 41  | -39 | 21  | 45  | 150 | 33  | -27 | 13  | 30  | 154 | (Mw-M)%  |   |
| 65.65   | -28.77                                                                  | -27.49 | 39.79 | 223.7  | 73.0  | -19.86 | -16.02 | 25.52 | 218.8 | 11.27 | 16.28    | 9.11      | 9.08      | 8.29  | 80.17  | 680000073 | 66  | -28 | -27 | 39  | 223 | 73  | -19 | -16 | 25  | 218 | (W-Wo)%  |   |
| 65.65   | -28.77                                                                  | -27.49 | 39.79 | 223.7  | 37.49 | -20.44 | -20.15 | 28.7  | 224.5 | 14.52 | 30.26    | 28.43     | 25.97     | 28.28 | 256.9  | 680000074 | 66  | -28 | -27 | 39  | 223 | 37  | -20 | -20 | 28  | 224 | (Wo-Wo)% |   |
| 43.7    | 13.72                                                                   | -30.18 | 33.16 | 294.44 | 57.86 | 9.54   | -18.37 | 20.71 | 297.4 | 3.8   | 18.9     | 15.04     | 14.51     | 15.42 | 159.0  | 680000075 | 44  | 13  | -30 | 33  | 294 | 58  | 9   | -18 | 20  | 297 | (Ow-Ow)% |   |
| 43.7    | 13.72                                                                   | -30.18 | 33.16 | 294.44 | 24.88 | 6.17   | -19.45 | 20.4  | 287.6 | 5.49  | 22.93    | 19.6      | 22.67     | 16.2  | 201.0  | 680000076 | 44  | 13  | -30 | 33  | 294 | 25  | 6   | -19 | 20  | 287 | (Ow-O)%  |   |
| 57.72   | 48.72                                                                   | -3.12  | 48.82 | 356.32 | 67.98 | 32.84  | 0.12   | 32.84 | 0.2   | 11.44 | 19.18    | 11.52     | 10.94     | 10.49 | 99.43  | 680000077 | 58  | 48  | -3  | 48  | 356 | 68  | 32  | 0   | 32  | 0   | (W-Wy)%  |   |
| 57.72   | 48.72                                                                   | -3.12  | 48.82 | 356.32 | 34.62 | 29.08  | -2.97  | 29.23 | 354.1 | 15.35 | 30.31    | 23.9      | 23.77     | 23.39 | 225.7  | 680000078 | 58  | 48  | -3  | 48  | 356 | 35  | 29  | -2  | 29  | 354 | (Wy-Wy)% |   |
| 56.82   | 45.85                                                                   | 39.04  | 60.22 | 40.41  | 67.61 | 30.03  | 29.82  | 42.32 | 44.7  | 13.19 | 21.25    | 11.99     | 11.73     | 10.97 | 105.9  | 680000079 | 57  | 45  | 39  | 60  | 40  | 68  | 30  | 29  | 42  | 44  | (Yw-Yw)% |   |
| 56.82   | 45.85                                                                   | 39.04  | 60.22 | 40.41  | 33.4  | 27.53  | 21.55  | 34.97 | 38.0  | 17.42 | 34.48    | 24.4      | 24.92     | 23.65 | 230.1  | 680000080 | 57  | 45  | 39  | 60  | 40  | 33  | 27  | 21  | 34  | 38  | (Yw-Y)%  |   |
| 85.11   | -3.09                                                                   | 75.82  | 75.89 | 92.33  | 86.46 | -4.76  | 52.54  | 52.75 | 95.1  | 15.82 | 23.38    | 5.6       | 8.32      | 6.3   | 23.74  | 680000081 | 85  | -3  | 75  | 75  | 92  | 86  | -4  | 52  | 52  | 95  | (W-W1)%  |   |
| 85.11   | -3.09                                                                   | 75.82  | 75.89 | 92.33  | 51.42 | -1.62  | 42.68  | 42.72 | 92.1  | 14.03 | 47.27    | 34.51     | 29.13     | 28.09 | 262.9  | 680000082 | 85  | -3  | 75  | 75  | 92  | 51  | -1  | 42  | 42  | 92  | (W1-W1)% |   |
| 59.88   | -41.45                                                                  | 28.57  | 50.34 | 145.41 | 68.79 | -29.26 | 22.9   | 37.16 | 141.9 | 7.96  | 16.12    | 9.89      | 9.16      | 8.73  | 82.67  | 680000083 | 60  | -41 | 28  | 50  | 145 | 69  | -29 | 22  | 37  | 141 | (Lw-Lw)% |   |
| 59.88   | -41.45                                                                  | 28.57  | 50.34 | 145.41 | 33.53 | -28.03 | 13.2   | 30.98 | 154.7 | 10.82 | 33.32    | 27.26     | 26.7      | 26.73 | 251.6  | 680000084 | 60  | -41 | 28  | 50  | 145 | 34  | -28 | 13  | 30  | 154 | (Lw-L)%  |   |
| 28.92   | -12.77                                                                  | -10.13 | 16.31 | 218.41 | 37.49 | -20.44 | -20.15 | 28.7  | 224.5 | 17.13 | 15.24    | 11.31     | 12.38     | 9.47  | 103.4  | 680000085 | 29  | -12 | -10 | 16  | 218 | 37  | -20 | -20 | 28  | 224 | (C-Cn)%  |   |
| 28.92   | -12.77                                                                  | -10.13 | 16.31 | 218.41 | 21.03 | -2.64  | -0.88  | 2.79  | 198.4 | 18.33 | 15.82    | 11.25     | 16.16     | 12.67 | 98.57  | 680000086 | 29  | -12 | -10 | 16  | 218 | 21  | -2  | 0   | 2   | 198 | (Cn-Cn)% |   |
| 23.49   | 1.3                                                                     | -9.25  | 9.34  | 278.01 | 24.88 | 6.17   | -19.45 | 20.4  | 287.6 | 8.27  | 11.39    | 8.17      | 8.46      | 7.33  | 51.69  | 680000087 | 23  | 1   | -9  | 9   | 278 | 25  | 6   | -19 | 20  | 287 | (CN-Cn)% |   |
| 23.49   | 1.3                                                                     | -9.25  | 9.34  | 278.01 | 21.56 | -2.53  | -0.89  | 2.69  | 199.4 | 8.34  | 9.39     | 7.52      | 10.77     | 8.59  | 44.2   | 680000088 | 23  | 1   | -9  | 9   | 278 | 22  | -2  | 0   | 2   | 199 | (Nc-N)%  |   |
| 27.89   | 12.2                                                                    | -1.84  | 12.33 | 351.38 | 34.62 | 29.08  | -2.97  | 29.23 | 354.1 | 13.11 | 18.21    | 12.8      | 12.96     | 11.16 | 82.99  | 680000089 | 28  | 12  | -1  | 12  | 351 | 35  | 29  | -2  | 29  | 354 | (V-Vn)%  |   |
| 27.89   | 12.2                                                                    | -1.84  | 12.33 | 351.38 | 21.93 | -2.39  | -0.7   | 2.49  | 196.3 | 16.56 | 15.8     | 12.61</   |           |       |        |           |     |     |     |     |     |     |     |     |     |     |          |   |

| %L*0                                                                                                             | a*0 | b*0 | C*ab0 | hab0 | L*1 | a*1 | b*1 | C*ab1 | hab1 | DV | dE*ab | dE*94 | dE*CM | dE*00 | dE*85 | NR | L*0 | a*0 | b*0 | C*0 | h0 | L*1 | a*1 | b*1 | C*1 | h1 | CODE | % |
|------------------------------------------------------------------------------------------------------------------|-----|-----|-------|------|-----|-----|-----|-------|------|----|-------|-------|-------|-------|-------|----|-----|-----|-----|-----|----|-----|-----|-----|-----|----|------|---|
| %CIELAB data for all colour (a) of experiment, iimp=96, colour difference pairs Ma_LV096, xchart3=1, xchart4=0 % |     |     |       |      |     |     |     |       |      |    |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| Minimum, maximum and average colour difference value                                                             |     |     |       |      |     |     |     |       |      |    |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| STRESS constant F and STRESS value S                                                                             |     |     |       |      |     |     |     |       |      |    |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 96, d_CIELABmina = 9.39, d_CIELABmaxa = 107.01, d_CIELABavea = 39.86                                     |     |     |       |      |     |     |     |       |      |    |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 96, CIELAB_Fa = 1.28, CIELAB_STRESSa = 34.08                                                             |     |     |       |      |     |     |     |       |      |    |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 96, d_CIELCHmina = 9.03, d_CIELCHmaxa = 103.5, d_CIELCHavea = 39.05                                      |     |     |       |      |     |     |     |       |      |    |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 96, CIELCHFa = 1.26, CIELCHSTRESSa = 34.0                                                                |     |     |       |      |     |     |     |       |      |    |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 96, d_C94LCHmina = 4.63, d_C94LCHmaxa = 66.98, d_C94LCHavea = 24.2                                       |     |     |       |      |     |     |     |       |      |    |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 96, C94LCHFa = 0.75, C94LCHSTRESSa = 43.88                                                               |     |     |       |      |     |     |     |       |      |    |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 96, d_CMCLCHmina = 5.16, d_CMCLCHmaxa = 65.57, d_CMCLCHavea = 25.55                                      |     |     |       |      |     |     |     |       |      |    |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 96, CMCLCHFa = 0.8, CMCLCHSTRESSa = 37.08                                                                |     |     |       |      |     |     |     |       |      |    |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 96, d_C00LCHmina = 3.55, d_C00LCHmaxa = 66.65, d_C00LCHavea = 23.34                                      |     |     |       |      |     |     |     |       |      |    |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 96, C00LCHFa = 0.74, C00LCHSTRESSa = 38.53                                                               |     |     |       |      |     |     |     |       |      |    |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 96, d_C85LCHmina = 23.74, d_C85LCHmaxa = 513.03, d_C85LCHavea = 180.34                                   |     |     |       |      |     |     |     |       |      |    |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 96, C85LCHFa = 5.61, C85LCHSTRESSa = 44.57                                                               |     |     |       |      |     |     |     |       |      |    |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |