

| %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=192, colour difference pairs RS_ER192, xchart3=0, xchart4=0 % |         |         |           |         |         |         |         |         |         |       |       |       |       |       |       |          |     |     |     |     |     |     |     |     |     |     |      |    |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0014496   | 0016680 | 0024815 | 0015482 | 0017170 | 0015850 | 0004200 | 01959 | 01825 | 00995 | 01520 | 01298 | 07965 | 90000001 | 48  | -3  | -21 | 21  | 260 | 48  | 0   | -1  | 1   | 263 | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0015482   | 0017170 | 0015850 | 0016917 | 0017840 | 0001436 | 0010800 | 06385 | 05946 | 05902 | 03219 | 02870 | 11767 | 90000002 | 48  | 0   | -1  | 1   | 263 | 49  | 4   | 61  | 61  | 85  | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0006419   | 0017030 | 0004018 | 0014530 | 0016190 | 0014616 | 0014300 | 08028 | 07792 | 01834 | 03480 | 02934 | 13083 | 90000003 | 48  | -70 | 39  | 80  | 150 | 47  | 0   | -1  | 1   | 240 | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0014530   | 0016190 | 0014616 | 0018143 | 0013820 | 0020384 | 0011300 | 03961 | 03851 | 03755 | 02545 | 01884 | 11416 | 90000004 | 47  | 0   | -1  | 1   | 240 | 44  | 34  | -19 | 39  | 330 | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0026926   | 0015730 | 0003418 | 0015343 | 0016630 | 0014805 | 0020000 | 07427 | 07188 | 01745 | 03285 | 02771 | 15444 | 90000005 | 47  | 64  | 40  | 75  | 32  | 48  | 1   | 0   | 1   | 341 | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0015343   | 0016630 | 0014805 | 0008290 | 0018120 | 0019932 | 0008200 | 05991 | 05888 | 05540 | 03259 | 03739 | 09262 | 90000006 | 48  | 1   | 0   | 1   | 341 | 50  | -57 | -8  | 58  | 188 | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0005179   | 0014220 | 0016997 | 0014570 | 0016040 | 0014458 | 0010000 | 06943 | 06824 | 01808 | 03272 | 02899 | 10571 | 90000007 | 45  | -68 | -11 | 69  | 189 | 47  | 0   | -1  | 1   | 293 | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0014570   | 0016040 | 0014458 | 0036354 | 0016650 | 0021492 | 0022200 | 09460 | 09292 | 08997 | 03774 | 03009 | 17945 | 90000008 | 47  | 0   | -1  | 1   | 293 | 48  | 93  | -15 | 95  | 350 | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0007880   | 0006220 | 0025068 | 0006085 | 0006740 | 0006548 | 0011500 | 05503 | 05175 | 01559 | 02760 | 01989 | 24264 | 90000009 | 30  | 23  | -52 | 57  | 294 | 31  | 0   | -2  | 2   | 268 | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0006085   | 0006740 | 0006548 | 0006286 | 0006460 | 0000787 | 0007500 | 04173 | 03894 | 03776 | 02710 | 02450 | 09765 | 90000010 | 31  | 0   | -2  | 2   | 268 | 31  | 4   | 38  | 38  | 82  | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0025351   | 0028210 | 0027641 | 0015324 | 0017100 | 0017144 | 0005000 | 01171 | 01171 | 01170 | 01032 | 01121 | 11247 | 90000011 | 60  | 0   | -5  | 5   | 262 | 48  | 0   | -5  | 5   | 262 | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0015324   | 0017100 | 0017444 | 0001055 | 0001170 | 0001109 | 0016700 | 03827 | 03823 | 03816 | 04820 | 02946 | 34158 | 90000012 | 48  | 0   | -5  | 5   | 262 | 10  | 0   | -1  | 1   | 265 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044159 | 0171786   | 0180570 | 0080354 | 0018750 | 0019690 | 0009016 | 0022500 | 07376 | 07376 | 07376 | 05215 | 04693 | 40371 | 90000013 | 125 | 0   | 0   | 0   | 259 | 51  | 0   | -1  | 1   | 271 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044159 | 0018750   | 0019690 | 0009016 | 0005594 | 0005740 | 0002273 | 0006200 | 02314 | 02297 | 02312 | 02431 | 02051 | 23082 | 90000014 | 51  | 0   | -1  | 1   | 271 | 29  | 1   | 2   | 3   | 61  | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044159 | 0033982   | 0035700 | 0016611 | 0018479 | 0019580 | 0009592 | 0006000 | 01503 | 01499 | 01501 | 01280 | 01346 | 13644 | 90000015 | 66  | 0   | -2  | 2   | 269 | 51  | 0   | -4  | 4   | 258 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044159 | 0018479   | 0019580 | 0009592 | 0001243 | 0001300 | 0000569 | 0014000 | 04026 | 04015 | 04019 | 04871 | 03173 | 35365 | 90000016 | 51  | 0   | -4  | 4   | 258 | 11  | 0   | 0   | 0   | 38  | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0014496   | 0016680 | 0024815 | 0015482 | 0017170 | 0015850 | 0006000 | 01959 | 01825 | 00995 | 01520 | 01298 | 07965 | 90000017 | 48  | -3  | -21 | 21  | 260 | 48  | 0   | -1  | 1   | 263 | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0015482   | 0017170 | 0015850 | 0016917 | 0017840 | 0001436 | 0009000 | 06385 | 05946 | 05902 | 03219 | 02870 | 11767 | 90000018 | 48  | 0   | -1  | 1   | 263 | 49  | 4   | 61  | 61  | 85  | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0006419   | 0017030 | 0004018 | 0014530 | 0016190 | 0014616 | 0015360 | 08028 | 07792 | 01834 | 03480 | 02934 | 13083 | 90000019 | 48  | -70 | 39  | 80  | 150 | 47  | 0   | -1  | 1   | 240 | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0014530   | 0016190 | 0014616 | 0018143 | 0013820 | 0020384 | 0010240 | 03961 | 03851 | 03755 | 02545 | 01884 | 11416 | 90000020 | 47  | 0   | -1  | 1   | 240 | 44  | 34  | -19 | 39  | 330 | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0026926   | 0015730 | 0003418 | 0015343 | 0016630 | 0014805 | 0017850 | 07427 | 07188 | 01745 | 03285 | 02771 | 15444 | 90000021 | 47  | 64  | 40  | 75  | 32  | 48  | 1   | 0   | 1   | 341 | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0015343   | 0016630 | 0014805 | 0008290 | 0018120 | 0019932 | 0010349 | 05991 | 05888 | 05540 | 03259 | 03739 | 09262 | 90000022 | 48  | 1   | 0   | 1   | 341 | 50  | -57 | -8  | 58  | 188 | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0005179   | 0014220 | 0016997 | 0014570 | 0016040 | 0014458 | 0011270 | 06943 | 06824 | 01808 | 03272 | 02899 | 10571 | 90000023 | 45  | -68 | -11 | 69  | 189 | 47  | 0   | -1  | 1   | 293 | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0014570   | 0016040 | 0014458 | 0036354 | 0016650 | 0021492 | 0020930 | 09460 | 09292 | 08997 | 03774 | 03009 | 17945 | 90000024 | 47  | 0   | -1  | 1   | 293 | 48  | 93  | -15 | 95  | 350 | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0007880   | 0006220 | 0025068 | 0006085 | 0006740 | 0006548 | 0011723 | 05503 | 05175 | 01559 | 02760 | 01989 | 24264 | 90000025 | 30  | 23  | -52 | 57  | 294 | 31  | 0   | -2  | 2   | 268 | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0006085   | 0006740 | 0006548 | 0006286 | 0006460 | 0000787 | 0007277 | 04173 | 03894 | 03776 | 02710 | 02450 | 09765 | 90000026 | 31  | 0   | -2  | 2   | 268 | 31  | 4   | 38  | 38  | 82  | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0025351   | 0028210 | 0027641 | 0015324 | 0017100 | 0017444 | 0006510 | 01171 | 01171 | 01170 | 01032 | 01121 | 11247 | 90000027 | 60  | 0   | -5  | 5   | 262 | 48  | 0   | -5  | 5   | 262 | (    | )% |
| 0090383                                                                                                                   | 0100000 | 0087548 | 0015324   | 0017100 | 0017444 | 0001055 | 0001170 | 0001109 | 0015190 | 03827 | 03823 | 03816 | 04820 | 02946 | 34158 | 90000028 | 48  | 0   | -5  | 5   | 262 | 10  | 0   | -1  | 1   | 265 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044159 | 0171786   | 0180570 | 0080354 | 0018750 | 0019690 | 0009016 | 0020577 | 07376 | 07376 | 07376 | 05215 | 04693 | 40371 | 90000029 | 125 | 0   | 0   | 0   | 259 | 51  | 0   | -1  | 1   | 271 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044159 | 0018750   | 0019690 | 0009016 | 0005594 | 0005740 | 0002273 | 0008121 | 02314 | 02297 | 02312 | 02431 | 02051 | 23082 | 90000030 | 51  | 0   | -1  | 1   | 271 | 29  | 1   | 2   | 3   | 61  | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044159 | 0033982   | 0035700 | 0016611 | 0018479 | 0019580 | 0009592 | 0007000 | 01503 | 01499 | 01501 | 01280 | 01346 | 13644 | 90000031 | 66  | 0   | -2  | 2   | 269 | 51  | 0   | -4  | 4   | 258 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044159 | 0018479   | 0019580 | 0009592 | 0001243 | 0001300 | 0000569 | 0013000 | 04026 | 04015 | 04019 | 04871 | 03173 | 35365 | 90000032 | 51  | 0   | -4  | 4   | 258 | 11  | 0   | 0   | 0   | 38  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0014496   | 0016680 | 0024816 | 0014490 | 0016550 | 0022193 | 0000840 | 00456 | 00425 | 00232 | 00282 | 00243 | 01906 | 90000033 | 48  | -3  | -21 | 21  | 260 | 48  | -2  | -16 | 17  | 260 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0014490   | 0016550 | 0022193 | 0014838 | 0016910 | 0020719 | 0000840 | 00368 | 00343 | 00214 | 00259 | 00218 | 01638 | 90000034 | 48  | -2  | -16 | 17  | 260 | 48  | -2  | -13 | 13  | 258 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0014838   | 0016910 | 0020719 | 0015256 | 0017230 | 0019885 | 0000840 | 00254 | 00238 | 00162 | 00198 | 00178 | 01096 | 90000035 | 48  | -2  | -13 | 13  | 258 | 49  | -1  | -10 | 10  | 259 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0015256   | 0017230 | 0019885 | 0015433 | 0017340 | 0018911 | 0000840 | 00231 | 00215 | 00155 | 00194 | 00164 | 00934 | 90000036 | 49  | -1  | -10 | 10  | 259 | 49  | -1  | -8  | 8   | 260 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0015433   | 0017340 | 0018911 | 0015482 | 0017170 | 0015851 | 0000840 | 00660 | 00615 | 00476 | 00692 | 00543 | 02552 | 90000037 | 49  | -1  | -8  | 8   | 260 | 48  | 0   | -1  | 1   | 263 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0015482   | 0017170 | 0015851 | 0014820 | 0016070 | 0010915 | 0002160 | 01108 | 01034 | 01053 | 01263 | 00982 | 04035 | 90000038 | 48  | 0   | -1  | 1   | 263 | 47  | 1   | 8   | 9   | 78  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0014820   | 0016070 | 0010915 | 0015700 | 0016680 | 0006988 | 0002160 | 01529 | 01424 | 01090 | 01017 | 00880 | 03737 | 90000039 | 47  | 1   | 8   | 9   | 78  | 48  | 3   | 23  | 24  | 81  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0015700   | 0016680 | 0006988 | 0016529 | 0017350 | 0004840 | 0002160 | 01145 | 01067 | 00553 | 00574 | 00494 | 02031 | 90000040 | 48  | 3   | 23  | 24  | 81  | 49  | 4   | 35  | 35  | 82  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0016529   | 0017350 | 0004840 | 0016742 | 0017470 | 0003882 | 0002160 | 00568 | 00529 | 00218 | 00250 | 00208 | 00740 | 90000041 | 49  | 4   | 35  | 35  | 82  | 49  | 5   | 40  | 41  | 82  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0016742   | 0017470 | 0003882 | 0016917 | 0017840 | 0001437 | 0002160 | 02072 | 01931 | 00741 | 00816 | 00652 | 01800 | 90000042 | 49  | 5   | 40  | 41  | 82  | 49  | 4   | 61  | 61  | 85  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0006419   | 0017030 | 0004019 | 0007923 | 0016730 | 0006067 | 0002860 | 02007 | 01943 | 00443 | 00678 | 00487 | 02165 | 90000043 | 48  | -70 | 39  | 80  | 150 | 48  | -53 | 28  | 60  | 152 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0007923</ |         |         |         |         |         |         |       |       |       |       |       |       |          |     |     |     |     |     |     |     |     |     |     |      |    |

| %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=192, colour difference pairs RS_ER192, xchart3=0, xchart4=0 % |         |         |         |         |         |         |         |         |         |       |       |       |       |       |       |          |     |     |     |     |     |     |     |     |     |     |      |    |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0016569 | 0014270 | 0018081 | 0017436 | 0014170 | 0019273 | 0002260 | 00614 | 00598 | 00281 | 00308 | 00270 | 01667 | 90000051 | 45  | 22  | -13 | 26  | 328 | 44  | 28  | -16 | 32  | 329 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0017436 | 0014170 | 0019273 | 0018144 | 0013820 | 0020385 | 0002260 | 00681 | 00662 | 00279 | 00312 | 00264 | 01985 | 90000052 | 44  | 28  | -16 | 32  | 329 | 44  | 34  | -19 | 39  | 330 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0026926 | 0015730 | 0003419 | 0024318 | 0015620 | 0005482 | 0004000 | 01580 | 01508 | 00412 | 00603 | 00458 | 02473 | 90000053 | 47  | 64  | 40  | 75  | 32  | 46  | 53  | 28  | 60  | 27  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0024318 | 0015620 | 0005482 | 0023174 | 0015650 | 0006499 | 0004000 | 00700 | 00673 | 00202 | 00273 | 00213 | 01280 | 90000054 | 46  | 53  | 28  | 60  | 27  | 47  | 48  | 23  | 53  | 26  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0023174 | 0015650 | 0006499 | 0019868 | 0016450 | 0010629 | 0004000 | 02429 | 02352 | 00739 | 01059 | 00874 | 05243 | 90000055 | 47  | 48  | 23  | 53  | 26  | 48  | 27  | 10  | 29  | 20  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0019868 | 0016450 | 0010629 | 0017420 | 0016620 | 0013002 | 0004000 | 01532 | 01492 | 00662 | 00894 | 00834 | 03493 | 90000056 | 48  | 27  | 10  | 29  | 20  | 48  | 13  | 4   | 14  | 16  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0017420 | 0016620 | 0013002 | 0015344 | 0016630 | 0014806 | 0004000 | 01288 | 01258 | 00799 | 01178 | 01213 | 03053 | 90000057 | 48  | 13  | 4   | 14  | 16  | 48  | 1   | 0   | 1   | 341 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0015344 | 0016630 | 0014806 | 0012981 | 0015770 | 0014897 | 0001640 | 01046 | 01027 | 00994 | 01277 | 01327 | 02549 | 90000058 | 48  | 1   | 0   | 1   | 341 | 47  | -8  | -2  | 8   | 198 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0012981 | 0015770 | 0014897 | 0011973 | 0016000 | 0015612 | 0001640 | 00835 | 00821 | 00602 | 00626 | 00663 | 01564 | 90000059 | 47  | -8  | -2  | 8   | 198 | 47  | -16 | -3  | 17  | 193 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0011973 | 0016000 | 0015612 | 0010719 | 0017940 | 0018664 | 0001640 | 02010 | 01976 | 01158 | 01071 | 00975 | 03803 | 90000060 | 47  | -16 | -3  | 17  | 193 | 49  | -36 | -6  | 36  | 190 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0010719 | 0017940 | 0018664 | 0009639 | 0017720 | 0018871 | 0001640 | 00744 | 00731 | 00281 | 00320 | 00265 | 00986 | 90000061 | 49  | -36 | -6  | 36  | 190 | 49  | -43 | -7  | 44  | 189 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0009639 | 0017720 | 0018871 | 0008291 | 0018120 | 0019932 | 0001640 | 01377 | 01354 | 00464 | 00533 | 00421 | 01511 | 90000062 | 49  | -43 | -7  | 44  | 189 | 50  | -57 | -8  | 58  | 188 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0005179 | 0014220 | 0016997 | 0007348 | 0014600 | 0016341 | 0002000 | 02165 | 02130 | 00532 | 00791 | 00603 | 02297 | 90000063 | 45  | -68 | -11 | 69  | 189 | 45  | -46 | -8  | 47  | 190 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0007348 | 0014600 | 0016341 | 0008533 | 0014910 | 0016117 | 0002000 | 00930 | 00914 | 00300 | 00391 | 00321 | 01279 | 90000064 | 45  | -46 | -8  | 47  | 190 | 46  | -37 | -7  | 38  | 191 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0008533 | 0014910 | 0016117 | 0011397 | 0015810 | 0015801 | 0002000 | 01808 | 01776 | 00676 | 00916 | 00812 | 03078 | 90000065 | 46  | -37 | -7  | 38  | 191 | 47  | -19 | -4  | 20  | 193 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0011397 | 0015810 | 0015801 | 0013288 | 0016480 | 0015707 | 0002000 | 00959 | 00941 | 00509 | 00661 | 00686 | 01996 | 90000066 | 47  | -19 | -4  | 20  | 193 | 48  | -10 | -3  | 10  | 197 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0013288 | 0016480 | 0015707 | 0014571 | 0016040 | 0014458 | 0002000 | 01090 | 01070 | 00788 | 01172 | 01217 | 02358 | 90000067 | 48  | -10 | -3  | 10  | 197 | 47  | 0   | -1  | 1   | 293 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0014571 | 0016040 | 0014458 | 0020726 | 0015610 | 0015766 | 0004440 | 03659 | 03596 | 03482 | 02303 | 02285 | 07734 | 90000068 | 47  | 0   | -1  | 1   | 293 | 46  | 36  | -5  | 37  | 351 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0020726 | 0015610 | 0015766 | 0024030 | 0015670 | 0016748 | 0004440 | 01527 | 01500 | 00571 | 00626 | 00506 | 02943 | 90000069 | 46  | 36  | -5  | 37  | 351 | 47  | 51  | -7  | 52  | 351 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0024030 | 0015670 | 0016748 | 0028914 | 0015990 | 0018448 | 0004440 | 01887 | 01853 | 00563 | 00670 | 00500 | 03396 | 90000070 | 47  | 51  | -7  | 52  | 351 | 47  | 70  | -10 | 71  | 351 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0028914 | 0015990 | 0018448 | 0031544 | 0016260 | 0019497 | 0004440 | 00870 | 00854 | 00210 | 00286 | 00200 | 01499 | 90000071 | 47  | 70  | -10 | 71  | 351 | 47  | 79  | -12 | 80  | 351 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0031544 | 0016260 | 0019497 | 0036354 | 0016650 | 0021492 | 0004440 | 01522 | 01493 | 00335 | 00472 | 00312 | 02541 | 90000072 | 47  | 79  | -12 | 80  | 351 | 48  | 93  | -15 | 95  | 350 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0007881 | 0006220 | 0025068 | 0007320 | 0006310 | 0019809 | 0002300 | 01211 | 01145 | 00347 | 00474 | 00304 | 04981 | 90000073 | 30  | 23  | -52 | 57  | 294 | 30  | 17  | -42 | 45  | 292 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0007320 | 0006310 | 0019809 | 0007011 | 0006560 | 0015689 | 0002300 | 01164 | 01098 | 00394 | 00518 | 00347 | 05269 | 90000074 | 30  | 17  | -42 | 45  | 292 | 31  | 11  | -32 | 34  | 289 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0007011 | 0006560 | 0015689 | 0006607 | 0006730 | 0011171 | 0002300 | 01405 | 01321 | 00562 | 00744 | 00569 | 06439 | 90000075 | 31  | 11  | -32 | 34  | 289 | 31  | 5   | -19 | 20  | 286 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0006607 | 0006730 | 0011171 | 0006345 | 0006790 | 0008551 | 0002300 | 00945 | 00886 | 00499 | 00656 | 00575 | 04256 | 90000076 | 31  | 5   | -19 | 20  | 286 | 31  | 2   | -10 | 10  | 282 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0006345 | 0006790 | 0008551 | 0006085 | 0006740 | 0006548 | 0002300 | 00798 | 00747 | 00543 | 00781 | 00648 | 03456 | 90000077 | 31  | 2   | -10 | 10  | 282 | 31  | 0   | -2  | 2   | 268 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0006085 | 0006740 | 0006548 | 0005933 | 0006610 | 0004760 | 0001500 | 00797 | 00742 | 00760 | 00982 | 00749 | 03189 | 90000078 | 31  | 0   | -2  | 2   | 268 | 31  | 0   | 5   | 5   | 95  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0005933 | 0006610 | 0004760 | 0005891 | 0006390 | 0003308 | 0001500 | 00795 | 00743 | 00651 | 00711 | 00598 | 02465 | 90000079 | 31  | 0   | 5   | 5   | 95  | 30  | 1   | 12  | 12  | 84  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0005891 | 0006390 | 0003308 | 0006612 | 0006460 | 0002060 | 0001500 | 01022 | 00954 | 00647 | 00654 | 00572 | 02183 | 90000080 | 30  | 1   | 12  | 12  | 84  | 31  | 3   | 22  | 23  | 82  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0006112 | 0006460 | 0002060 | 0006221 | 0006500 | 0001574 | 0001500 | 00512 | 00478 | 00251 | 00275 | 00238 | 00814 | 90000081 | 31  | 3   | 22  | 23  | 82  | 31  | 3   | 27  | 28  | 82  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0006221 | 0006500 | 0001574 | 0006287 | 0006460 | 0000788 | 0001500 | 01063 | 00994 | 00468 | 00500 | 00424 | 01223 | 90000082 | 31  | 3   | 27  | 28  | 82  | 31  | 5   | 38  | 38  | 82  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0025352 | 0028210 | 0027642 | 0022904 | 0025500 | 0025125 | 0001000 | 00251 | 00251 | 00251 | 00213 | 00225 | 02354 | 90000083 | 60  | 0   | -5  | 5   | 262 | 58  | 0   | -5  | 5   | 262 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0022904 | 0025500 | 0025125 | 0020345 | 0022730 | 0022448 | 0001000 | 00278 | 00278 | 00278 | 00243 | 00261 | 02649 | 90000084 | 58  | 0   | -5  | 5   | 262 | 55  | 0   | -5  | 5   | 258 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0020345 | 0022730 | 0022448 | 0019304 | 0021510 | 0021498 | 0001000 | 00138 | 00137 | 00135 | 00127 | 00134 | 01274 | 90000085 | 55  | 0   | -5  | 5   | 258 | 54  | 0   | -5  | 5   | 262 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0019304 | 0021510 | 0021498 | 0018158 | 0020250 | 0020356 | 0001000 | 00139 | 00139 | 00138 | 00124 | 00136 | 01371 | 90000086 | 54  | 0   | -5  | 5   | 262 | 52  | 0   | -5  | 5   | 262 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0018158 | 0020250 | 0020356 | 0015325 | 0017100 | 0017444 | 0001000 | 00374 | 00373 | 00373 | 00343 | 00373 | 03777 | 90000087 | 52  | 0   | -5  | 5   | 262 | 48  | 0   | -5  | 5   | 262 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0015325 | 0017100 | 0017444 | 0011119 | 0012410 | 0012939 | 0003340 | 00652 | 00652 | 00652 | 00633 | 00619 | 06866 | 90000088 | 48  | 0   | -5  | 5   | 262 | 42  | 0   | -5  | 6   | 263 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0011119 | 0012410 | 0012939 | 0007797 | 0008710 | 0009201 | 0003340 | 00644 | 00644 | 00643 | 00684 | 00556 | 07095 | 90000089 | 42  | 0   | -5  | 6   | 263 | 35  | 0   | -5  | 5   | 262 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0007797 | 0008710 | 0009201 | 0004664 | 0005210 | 0005504 | 0003340 | 00813 | 00813 | 00811 | 00981 | 00640 | 09151 | 90000090 | 35  | 0   | -5  | 5   | 262 | 27  | 0   | -4  | 4   | 262 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0004664 | 0005210 | 0005504 | 0002722 | 0003040 | 0003134 | 0003340 | 00723 | 00721 | 00719 | 01046 | 00524 | 07957 | 90000091 | 27  | 0   | -4  | 4   | 262 | 20  | 0   | -3  | 3   | 262 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0002722 | 0003040 | 0003134 | 0001055 | 0001170 | 0001110 | 0003340 | 01009 | 01006 | 01003 | 01946 | 00682 | 09622 | 90000092 | 20  | 0   | -3  | 3   | 262 | 10  | 0   | -1  | 1   | 265 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0171786 | 0180570 | 0080354 | 0108797 | 0114940 | 0052960 | 0004500 | 01990 | 01984 | 01989 | 01311 | 01028 | 11268 | 90000093 | 125 | 0   | 0   | 0   | 259 | 106 | 0   |     |     |     |      |    |

| %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=192, colour difference pairs RS_ER192, xchart3=0, xchart4=0 % |         |         |         |         |         |         |         |         |         |       |       |       |       |       |       |          |     |     |     |     |     |     |     |     |     |     |      |    |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0009637 | 0010010 | 0004289 | 0007559 | 0007810 | 0003235 | 0001240 | 00437 | 00433 | 00436 | 00492 | 00366 | 04810 | 90000101 | 38  | 0   | 0   | 1   | 46  | 34  | 1   | 1   | 2   | 56  | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0007559 | 0007810 | 0003235 | 0005954 | 0005740 | 0002274 | 0001240 | 00493 | 00489 | 00491 | 00599 | 00390 | 05521 | 90000102 | 34  | 1   | 1   | 2   | 56  | 29  | 1   | 2   | 3   | 61  | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0003398 | 0003570 | 0016612 | 0029454 | 0003107 | 0014633 | 0001200 | 00377 | 00376 | 00377 | 00312 | 00317 | 03299 | 90000103 | 66  | 0   | -2  | 2   | 270 | 63  | 0   | -2  | 2   | 261 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0029454 | 0031070 | 0014633 | 0026344 | 0027820 | 0013213 | 0001200 | 00285 | 00284 | 00285 | 00238 | 00247 | 02597 | 90000104 | 63  | 0   | -2  | 2   | 261 | 60  | 0   | -3  | 3   | 259 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0026344 | 0027820 | 0013213 | 0023799 | 0025160 | 0012079 | 0001200 | 00252 | 00251 | 00251 | 00216 | 00226 | 02339 | 90000105 | 60  | 0   | -3  | 3   | 259 | 57  | 0   | -3  | 3   | 259 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0023799 | 0025160 | 0012079 | 0020450 | 0021650 | 0010538 | 0001200 | 00359 | 00358 | 00359 | 00314 | 00338 | 03448 | 90000106 | 57  | 0   | -3  | 3   | 259 | 54  | 0   | -3  | 4   | 258 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0020450 | 0021650 | 0010538 | 0018479 | 0019580 | 0009592 | 0001200 | 00229 | 00229 | 00229 | 00206 | 00225 | 02274 | 90000107 | 54  | 0   | -3  | 4   | 258 | 51  | 0   | -4  | 4   | 258 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0018479 | 0019580 | 0009592 | 0013904 | 0014750 | 0007339 | 0002800 | 00607 | 00606 | 00606 | 00568 | 00601 | 06217 | 90000108 | 51  | 0   | -4  | 4   | 258 | 45  | 0   | -4  | 4   | 258 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0013904 | 0014750 | 0007339 | 0009991 | 0010610 | 0005315 | 0002800 | 00637 | 00637 | 00637 | 00644 | 00577 | 06858 | 90000109 | 45  | 0   | -4  | 4   | 258 | 39  | 0   | -4  | 4   | 258 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0009991 | 0010610 | 0005315 | 0005318 | 0005640 | 0002791 | 0002800 | 01048 | 01045 | 01046 | 01210 | 00849 | 11626 | 90000110 | 39  | 0   | -4  | 4   | 258 | 29  | 0   | -2  | 3   | 258 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0005318 | 0005640 | 0002791 | 0003111 | 0003290 | 0001578 | 0002800 | 00740 | 00736 | 00738 | 01042 | 00544 | 08219 | 90000111 | 29  | 0   | -2  | 3   | 258 | 21  | 0   | -1  | 1   | 258 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0003111 | 0003290 | 0001578 | 0001244 | 0001300 | 0000570 | 0002800 | 01005 | 00997 | 01003 | 01924 | 00686 | 09854 | 90000112 | 21  | 0   | -1  | 1   | 258 | 11  | 0   | 0   | 0   | 28  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0014496 | 0016680 | 0024816 | 0014490 | 0016550 | 0022193 | 0001200 | 00456 | 00425 | 00232 | 00282 | 00243 | 01906 | 90000113 | 48  | -3  | -21 | 21  | 260 | 48  | -2  | -16 | 17  | 260 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0014490 | 0016550 | 0022193 | 0014838 | 0016910 | 0020719 | 0001200 | 00368 | 00343 | 00214 | 00259 | 00218 | 01638 | 90000114 | 48  | -2  | -16 | 17  | 260 | 48  | -2  | -13 | 13  | 258 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0014838 | 0016910 | 0020719 | 0015256 | 0017230 | 0019885 | 0001200 | 00254 | 00238 | 00162 | 00198 | 00178 | 01096 | 90000115 | 48  | -2  | -13 | 13  | 258 | 49  | -1  | -10 | 10  | 259 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0015256 | 0017230 | 0019885 | 0015433 | 0017340 | 0018911 | 0001200 | 00231 | 00215 | 00155 | 00194 | 00164 | 00934 | 90000116 | 49  | -1  | -10 | 10  | 259 | 49  | -1  | -8  | 8   | 260 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0015433 | 0017340 | 0018911 | 0015482 | 0017170 | 0015851 | 0001200 | 00660 | 00615 | 00476 | 00692 | 00543 | 02552 | 90000117 | 49  | -1  | -8  | 8   | 260 | 48  | 0   | -1  | 1   | 263 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0015482 | 0017170 | 0015851 | 0014820 | 0016070 | 0010915 | 0001800 | 01108 | 01034 | 01053 | 01263 | 00982 | 04035 | 90000118 | 48  | 0   | -1  | 1   | 263 | 47  | 1   | 8   | 9   | 78  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0014820 | 0016070 | 0010915 | 0015700 | 0016680 | 0006988 | 0001800 | 01529 | 01424 | 01090 | 01017 | 00880 | 03737 | 90000119 | 47  | 1   | 8   | 9   | 78  | 48  | 3   | 23  | 24  | 81  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0015700 | 0016680 | 0006988 | 0016529 | 0017350 | 0004840 | 0001800 | 01145 | 01067 | 00553 | 00574 | 00494 | 02031 | 90000120 | 48  | 3   | 23  | 24  | 81  | 49  | 4   | 35  | 35  | 82  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0016529 | 0017350 | 0004840 | 0016742 | 0017470 | 0003882 | 0001800 | 00568 | 00529 | 00218 | 00250 | 00208 | 00740 | 90000121 | 49  | 4   | 35  | 35  | 82  | 49  | 5   | 40  | 41  | 82  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0016742 | 0017470 | 0003882 | 0016917 | 0017840 | 0001437 | 0001800 | 00272 | 01931 | 00741 | 00816 | 00652 | 01800 | 90000122 | 49  | 5   | 40  | 41  | 82  | 49  | 4   | 61  | 61  | 85  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0006419 | 0017030 | 0004019 | 0007923 | 0016730 | 0006067 | 0003072 | 02007 | 01943 | 00443 | 00678 | 00487 | 02165 | 90000123 | 48  | -70 | 39  | 80  | 150 | 48  | -53 | 28  | 60  | 152 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0007923 | 0016730 | 0006067 | 0009556 | 0016630 | 0008202 | 0003072 | 01731 | 01679 | 00469 | 00666 | 00523 | 02349 | 90000124 | 48  | -53 | 28  | 60  | 152 | 48  | -38 | 19  | 43  | 153 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0009556 | 0016630 | 0008202 | 0011933 | 0016790 | 0011187 | 0003072 | 01974 | 01918 | 00675 | 00935 | 00801 | 03394 | 90000125 | 48  | -38 | 19  | 43  | 153 | 48  | -21 | 9   | 23  | 155 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0011933 | 0016790 | 0011187 | 0013881 | 0016710 | 0013673 | 0003072 | 01535 | 01493 | 00754 | 01050 | 01047 | 03260 | 90000126 | 48  | -21 | 9   | 23  | 155 | 48  | -7  | 2   | 8   | 162 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0013881 | 0016710 | 0013673 | 0014531 | 0016190 | 0014617 | 0003072 | 00788 | 00767 | 00616 | 00887 | 00881 | 02055 | 90000127 | 48  | -7  | 2   | 8   | 162 | 47  | 0   | -1  | 1   | 240 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0014531 | 0016190 | 0014617 | 0014680 | 0014850 | 0015253 | 0002048 | 00999 | 00972 | 00955 | 01118 | 01120 | 03269 | 90000128 | 47  | 0   | -1  | 1   | 240 | 45  | 8   | -5  | 9   | 324 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0014680 | 0014850 | 0015253 | 0015255 | 0014470 | 0016181 | 0002048 | 00660 | 00642 | 00460 | 00491 | 00505 | 01903 | 90000129 | 45  | 8   | -5  | 9   | 324 | 45  | 13  | -8  | 16  | 327 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0015255 | 0014470 | 0016181 | 0016569 | 0014270 | 0018081 | 0002048 | 01012 | 00984 | 00583 | 00594 | 00565 | 02794 | 90000130 | 45  | 13  | -8  | 16  | 327 | 45  | 22  | -13 | 26  | 328 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0016569 | 0014270 | 0018081 | 0017436 | 0014170 | 0019273 | 0002048 | 00614 | 00598 | 00281 | 00308 | 00270 | 01667 | 90000131 | 45  | 22  | -13 | 26  | 328 | 44  | 28  | -16 | 32  | 329 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0017436 | 0014170 | 0019273 | 0018144 | 0013820 | 0020385 | 0002048 | 00681 | 00662 | 00279 | 00312 | 00264 | 01985 | 90000132 | 44  | 28  | -16 | 32  | 329 | 44  | 34  | -19 | 39  | 330 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0026926 | 0015730 | 0003419 | 0024318 | 0015620 | 0005482 | 0003570 | 01580 | 01508 | 00412 | 00603 | 00458 | 02473 | 90000133 | 47  | 64  | 40  | 75  | 32  | 46  | 53  | 28  | 60  | 27  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0024318 | 0015620 | 0005482 | 0023174 | 0015650 | 0006499 | 0003570 | 00700 | 00673 | 00202 | 00273 | 00213 | 01280 | 90000134 | 46  | 53  | 28  | 60  | 27  | 47  | 48  | 23  | 53  | 26  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0023174 | 0015650 | 0006499 | 0019868 | 0016450 | 0010629 | 0003570 | 02429 | 02352 | 00739 | 01059 | 00874 | 05243 | 90000135 | 47  | 48  | 23  | 53  | 26  | 48  | 27  | 10  | 29  |     |      |    |

| %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=192, colour difference pairs RS_ER192, xchart3=0, xchart4=0 % |         |         |         |         |         |         |         |         |         |       |       |       |       |       |       |          |     |     |     |     |     |     |     |     |     |     |      |    |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0028914 | 0015990 | 0018448 | 0031544 | 0016260 | 0019497 | 0004186 | 00870 | 00854 | 00210 | 00286 | 00200 | 01499 | 90000151 | 47  | 70  | -10 | 71  | 351 | 47  | 79  | -12 | 80  | 351 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0031544 | 0016260 | 0019497 | 0036354 | 0016650 | 0021492 | 0004186 | 01522 | 01493 | 00335 | 00472 | 00312 | 02541 | 90000152 | 47  | 79  | -12 | 80  | 351 | 48  | 93  | -15 | 95  | 350 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0007881 | 0006220 | 0025068 | 0007320 | 0006310 | 0019809 | 0002345 | 01211 | 01145 | 00347 | 00474 | 00304 | 04981 | 90000153 | 30  | 23  | -52 | 57  | 294 | 30  | 17  | -42 | 45  | 292 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0007320 | 0006310 | 0019809 | 0007011 | 0006560 | 0015689 | 0002345 | 01164 | 01098 | 00394 | 00518 | 00347 | 05269 | 90000154 | 30  | 17  | -42 | 45  | 292 | 31  | 11  | -32 | 34  | 289 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0007011 | 0006560 | 0015689 | 0006607 | 0006730 | 0011171 | 0002345 | 01405 | 01321 | 00562 | 00744 | 00569 | 06439 | 90000155 | 31  | 11  | -32 | 34  | 289 | 31  | 5   | -19 | 20  | 286 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0006607 | 0006730 | 0011171 | 0006345 | 0006790 | 0008551 | 0002345 | 00945 | 00886 | 00499 | 00656 | 00575 | 04256 | 90000156 | 31  | 5   | -19 | 20  | 286 | 31  | 2   | -10 | 10  | 282 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0006345 | 0006790 | 0008551 | 0006085 | 0006740 | 0006548 | 0002345 | 00798 | 00747 | 00543 | 00781 | 00648 | 03456 | 90000157 | 31  | 2   | -10 | 10  | 282 | 31  | 0   | -2  | 2   | 268 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0006085 | 0006740 | 0006548 | 0005933 | 0006610 | 0004760 | 0001455 | 00797 | 00742 | 00760 | 00982 | 00749 | 03189 | 90000158 | 31  | 0   | -2  | 2   | 268 | 31  | 0   | 5   | 5   | 95  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0005933 | 0006610 | 0004760 | 0005891 | 0006390 | 0003308 | 0001455 | 00795 | 00743 | 00651 | 00711 | 00598 | 02465 | 90000159 | 31  | 0   | 5   | 5   | 95  | 30  | 1   | 12  | 12  | 84  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0005891 | 0006390 | 0003308 | 0006112 | 0006460 | 0002060 | 0001455 | 01022 | 00954 | 00647 | 00654 | 00572 | 02183 | 90000160 | 30  | 1   | 12  | 12  | 84  | 31  | 3   | 22  | 23  | 82  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0006112 | 0006460 | 0002060 | 0006221 | 0006500 | 0001574 | 0001455 | 00512 | 00478 | 00251 | 00275 | 00238 | 00814 | 90000161 | 31  | 3   | 22  | 23  | 82  | 31  | 3   | 27  | 28  | 82  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0006221 | 0006500 | 0001574 | 0006287 | 0006460 | 0000788 | 0001455 | 01063 | 00994 | 00468 | 00500 | 00424 | 01223 | 90000162 | 31  | 3   | 27  | 28  | 82  | 31  | 5   | 38  | 38  | 82  | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0025352 | 0028210 | 0027642 | 0022904 | 0025500 | 0025125 | 0001302 | 00251 | 00251 | 00251 | 00213 | 00225 | 02354 | 90000163 | 60  | 0   | -5  | 5   | 262 | 58  | 0   | -5  | 5   | 262 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0022904 | 0025500 | 0025125 | 0020345 | 0022730 | 0022448 | 0001302 | 00278 | 00278 | 00278 | 00243 | 00261 | 02649 | 90000164 | 58  | 0   | -5  | 5   | 262 | 55  | 0   | -5  | 5   | 258 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0020345 | 0022730 | 0022448 | 0019304 | 0021510 | 0021498 | 0001302 | 00138 | 00137 | 00135 | 00127 | 00134 | 01274 | 90000165 | 55  | 0   | -5  | 5   | 258 | 54  | 0   | -5  | 5   | 262 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0019304 | 0021510 | 0021498 | 0018158 | 0020250 | 0020356 | 0001302 | 00139 | 00139 | 00138 | 00124 | 00136 | 01371 | 90000166 | 54  | 0   | -5  | 5   | 262 | 52  | 0   | -5  | 5   | 262 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0018158 | 0020250 | 0020356 | 0015325 | 0017100 | 0017444 | 0001302 | 00374 | 00373 | 00373 | 00343 | 00373 | 03777 | 90000167 | 52  | 0   | -5  | 5   | 262 | 48  | 0   | -5  | 5   | 262 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0015325 | 0017100 | 0017444 | 0011119 | 0012410 | 0012939 | 0003038 | 00652 | 00652 | 00652 | 00633 | 00619 | 06866 | 90000168 | 48  | 0   | -5  | 5   | 262 | 42  | 0   | -5  | 6   | 263 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0011119 | 0012410 | 0012939 | 0007797 | 0008710 | 0009201 | 0003038 | 00644 | 00644 | 00643 | 00684 | 00556 | 07095 | 90000169 | 42  | 0   | -5  | 6   | 263 | 35  | 0   | -5  | 5   | 262 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0007797 | 0008710 | 0009201 | 0004664 | 0005210 | 0005504 | 0003038 | 00813 | 00813 | 00811 | 00981 | 00640 | 09151 | 90000170 | 35  | 0   | -5  | 5   | 262 | 27  | 0   | -4  | 4   | 262 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0004664 | 0005210 | 0005504 | 0002722 | 0003040 | 0003134 | 0003038 | 00723 | 00721 | 00719 | 01046 | 00524 | 07957 | 90000171 | 27  | 0   | -4  | 4   | 262 | 20  | 0   | -3  | 3   | 262 | (    | )% |
| 0090384                                                                                                                   | 0100000 | 0087549 | 0002722 | 0003040 | 0003134 | 0001055 | 0001170 | 0001110 | 0003038 | 01009 | 01006 | 01003 | 01946 | 00682 | 09622 | 90000172 | 20  | 0   | -3  | 3   | 262 | 10  | 0   | -1  | 1   | 265 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0171786 | 0180570 | 0080354 | 0108797 | 0114940 | 0052960 | 0004116 | 01990 | 01984 | 01989 | 01311 | 01028 | 11268 | 90000173 | 125 | 0   | 0   | 0   | 259 | 106 | 0   | -2  | 3   | 251 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0108797 | 0114940 | 0052960 | 0064045 | 0067880 | 0031957 | 0004116 | 01958 | 01957 | 01957 | 01345 | 01165 | 12902 | 90000174 | 106 | 0   | -2  | 3   | 251 | 86  | -1  | -3  | 4   | 251 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0064045 | 0067880 | 0031957 | 0037389 | 0039530 | 0018656 | 0004116 | 01682 | 01682 | 01682 | 01256 | 01196 | 12945 | 90000175 | 86  | -1  | -3  | 4   | 251 | 69  | 0   | -3  | 3   | 256 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0037389 | 0039530 | 0018656 | 0029611 | 0031250 | 0014658 | 0004116 | 00644 | 00643 | 00643 | 00518 | 00524 | 05588 | 90000176 | 69  | 0   | -3  | 3   | 256 | 63  | 0   | -2  | 2   | 259 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0029611 | 0031250 | 0014658 | 0018750 | 0019690 | 0009017 | 0004116 | 01132 | 01128 | 01130 | 00981 | 01040 | 10528 | 90000177 | 63  | 0   | -2  | 2   | 259 | 51  | 0   | -1  | 1   | 271 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0018750 | 0019690 | 0009017 | 0015534 | 0016270 | 0007335 | 0001624 | 00421 | 00419 | 00420 | 00397 | 00421 | 04231 | 90000178 | 51  | 0   | -1  | 1   | 271 | 47  | 0   | 0   | 0   | 289 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0015534 | 0016270 | 0007335 | 0012738 | 0013300 | 0005879 | 0001624 | 00418 | 00415 | 00418 | 00414 | 00399 | 04338 | 90000179 | 47  | 0   | 0   | 0   | 289 | 43  | 0   | 0   | 0   | 356 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0012738 | 0013300 | 0005879 | 0009637 | 0010010 | 0004289 | 0001624 | 00544 | 00540 | 00544 | 00571 | 00485 | 05837 | 90000180 | 43  | 0   | 0   | 0   | 356 | 38  | 0   | 0   | 1   | 46  | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0009637 | 0010010 | 0004289 | 0007559 | 0007810 | 0003235 | 0001624 | 00437 | 00433 | 00436 | 00492 | 00366 | 04810 | 90000181 | 38  | 0   | 0   | 1   | 46  | 34  | 1   | 1   | 2   | 56  | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0007559 | 0007810 | 0003235 | 0005594 | 0005740 | 0002274 | 0001624 | 00493 | 00489 | 00491 | 00599 | 00390 | 05521 | 90000182 | 34  | 1   | 1   | 2   | 56  | 29  | 1   | 2   | 3   | 61  | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0033983 | 0035700 | 0016612 | 0029454 | 0031070 | 0014633 | 0001400 | 00377 | 00376 | 00377 | 00312 | 00317 | 03299 | 90000183 | 66  | 0   | -2  | 2   | 270 | 63  | 0   | -2  | 2   | 261 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0029454 | 0031070 | 0014633 | 0026344 | 0027820 | 0013213 | 0001400 | 00285 | 00284 | 00285 | 00238 | 00247 | 02597 | 90000184 | 63  | 0   | -2  | 2   | 261 | 60  | 0   | -3  | 3   | 259 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0026344 | 0027820 | 0013213 | 0023799 | 0025160 | 0012079 | 0001400 | 00252 | 00251 | 00251 | 00216 | 00226 | 02339 | 90000185 | 60  | 0   | -3  | 3   | 259 | 57  | 0   | -3  | 3   | 259 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0023799 | 0025160 | 0012079 | 0020450 | 0021650 | 0010538 | 0001400 | 00359 | 00358 | 00359 | 00314 | 00338 | 03448 | 90000186 | 57  | 0   | -3  | 3   | 259 | 54  | 0   | -3  | 4   | 258 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0020450 | 0021650 | 0010538 | 0018479 | 0019580 | 0009592 | 0001400 | 00229 | 00229 | 00229 | 00206 | 00225 | 02274 | 90000187 | 54  | 0   | -3  | 4   | 258 | 51  | 0   | -4  | 4   | 258 | (    | )% |
| 0095189                                                                                                                   | 0100000 | 0044160 | 0018479 | 0019580 | 0009592 | 0013904 | 0014750 | 0007339 | 0002600 | 00607 | 00606 | 00606 | 00568 | 00601 | 06217 | 90000188 | 51  | 0   | -4  | 4   | 258 | 45  | 0   | -4  | 4   | 258 | (    | )  |

| %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=192, colour difference pairs RS_ER192, xchart3=0, xchart4=0 % |    |    |    |    |    |    |    |    |    |       |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| Minimum, maximum and average colour difference value                                                                      |    |    |    |    |    |    |    |    |    |       |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| STRESS constant F and STRESS value S                                                                                      |    |    |    |    |    |    |    |    |    |       |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 192, d_CIELABmin = 1.38, d_CIELABmax = 94.6, d_CIELABave = 16.71                                                  |    |    |    |    |    |    |    |    |    |       |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 192, CIELAB_Fa = 4.1, CIELAB_STRESSa = 31.53                                                                      |    |    |    |    |    |    |    |    |    |       |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 192, d_CIELCHmin = 1.37, d_CIELCHmax = 92.92, d_CIELCHave = 16.25                                                 |    |    |    |    |    |    |    |    |    |       |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 192, CIELCHFa = 4.0, CIELCHSTRESSa = 30.68                                                                        |    |    |    |    |    |    |    |    |    |       |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 192, d_C94LCHmin = 1.35, d_C94LCHmax = 89.97, d_C94LCHave = 11.06                                                 |    |    |    |    |    |    |    |    |    |       |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 192, C94LCHFa = 2.83, C94LCHSTRESSa = 46.17                                                                       |    |    |    |    |    |    |    |    |    |       |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 192, d_CMCLCHmin = 1.24, d_CMCLCHmax = 52.15, d_CMCLCHave = 10.98                                                 |    |    |    |    |    |    |    |    |    |       |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 192, CMCLCHFa = 2.51, CMCLCHSTRESSa = 32.15                                                                       |    |    |    |    |    |    |    |    |    |       |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 192, d_C00LCHmin = 1.34, d_C00LCHmax = 46.93, d_C00LCHave = 9.13                                                  |    |    |    |    |    |    |    |    |    |       |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 192, C00LCHFa = 2.05, C00LCHSTRESSa = 34.66                                                                       |    |    |    |    |    |    |    |    |    |       |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 192, d_C85LCHmin = 7.4, d_C85LCHmax = 403.71, d_C85LCHave = 63.63                                                 |    |    |    |    |    |    |    |    |    |       |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
| iai+1 = 192, C85LCHFa = 14.78, C85LCHSTRESSa = 44.1                                                                       |    |    |    |    |    |    |    |    |    |       |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |

| %L*a*b*                                                                                                           | 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=192, colour difference pairs RS_ER192, xchart3=0, xchart4=0 % |        |        |       |        |       |        |        |       |       |       |       |       |       |       |                 |           |     |     |     |     |     |     |     |     |     |     |      |    |
| 47.86                                                                                                             | -3.57  | -21.27 | 21.57 | 260.46 | 48.48 | -0.21  | -1.98  | 1.99  | 263.6 | 4.19  | 19.59 | 9.95  | 15.2  | 12.98 | 79.65           | 900000001 | 48  | -3  | -21 | 21  | 260 | 48  | 0   | -1  | 1   | 263 | (    | )% |
| 48.48                                                                                                             | -0.21  | -1.98  | 1.99  | 263.67 | 49.31 | 4.53   | 61.69  | 61.85 | 85.7  | 10.8  | 63.85 | 59.02 | 32.19 | 28.7  | 117.6790000002  | 48        | 0   | -1  | 1   | 263 | 49  | 4   | 61  | 61  | 85  | (   | )%   |    |
| 48.31                                                                                                             | -70.04 | 39.22  | 80.27 | 150.75 | 47.23 | -0.64  | -1.12  | 1.29  | 240.2 | 14.3  | 80.28 | 18.34 | 34.8  | 29.34 | 130.83900000003 | 48        | -70 | 39  | 80  | 150 | 47  | 0   | -1  | 1   | 240 | (   | )%   |    |
| 47.23                                                                                                             | -0.64  | -1.12  | 1.29  | 240.25 | 43.98 | 34.23  | -19.62 | 39.46 | 330.1 | 11.3  | 39.61 | 37.55 | 25.45 | 18.84 | 114.16900000004 | 47        | 0   | -1  | 1   | 240 | 44  | 34  | -19 | 39  | 330 | (   | )%   |    |
| 46.63                                                                                                             | 64.01  | 40.07  | 75.52 | 32.05  | 47.8  | 1.89   | -0.61  | 1.98  | 341.9 | 20.0  | 74.27 | 17.45 | 32.85 | 27.71 | 154.44900000005 | 47        | 64  | 40  | 75  | 32  | 48  | 1   | 0   | 1   | 341 | (   | )%   |    |
| 47.8                                                                                                              | 1.89   | -0.61  | 1.98  | 341.97 | 49.65 | -57.41 | -8.94  | 58.11 | 188.8 | 8.2   | 59.91 | 55.4  | 32.59 | 37.39 | 92.62           | 900000006 | 48  | 1   | 0   | 1   | 341 | 50  | -57 | -8  | 58  | 188 | (    | )% |
| 44.56                                                                                                             | -68.16 | -11.41 | 69.11 | 189.5  | 47.04 | 0.45   | -1.06  | 1.15  | 293.1 | 10.0  | 69.43 | 18.08 | 32.72 | 28.99 | 105.71900000007 | 45        | -68 | -11 | 69  | 189 | 47  | 0   | -1  | 1   | 293 | (   | )%   |    |
| 47.04                                                                                                             | 0.45   | -1.06  | 1.15  | 293.1  | 47.82 | 93.99  | -15.19 | 95.21 | 350.8 | 22.2  | 94.6  | 89.97 | 37.74 | 30.09 | 179.45900000008 | 47        | 0   | -1  | 1   | 293 | 48  | 93  | -15 | 95  | 350 | (   | )%   |    |
| 29.98                                                                                                             | 23.58  | -52.55 | 57.59 | 294.16 | 31.23 | -0.07  | -2.87  | 2.87  | 268.4 | 11.5  | 55.03 | 15.59 | 27.6  | 19.89 | 242.64900000009 | 30        | 23  | -52 | 57  | 294 | 31  | 0   | -2  | 2   | 268 | (   | )%   |    |
| 31.23                                                                                                             | -0.07  | -2.87  | 2.87  | 268.48 | 30.56 | 4.99   | 38.55  | 38.87 | 82.6  | 7.5   | 41.73 | 37.76 | 27.1  | 24.5  | 97.65           | 900000010 | 31  | 0   | -2  | 2   | 268 | 31  | 4   | 38  | 38  | 82  | (    | )% |
| 60.08                                                                                                             | -0.62  | -5.01  | 5.05  | 262.87 | 48.39 | -0.78  | -5.8   | 5.85  | 262.2 | 5.0   | 11.71 | 11.7  | 10.32 | 11.21 | 112.47900000011 | 60        | 0   | -5  | 5   | 262 | 48  | 0   | -5  | 5   | 262 | (   | )%   |    |
| 48.39                                                                                                             | -0.78  | -5.8   | 5.85  | 262.25 | 10.4  | -0.08  | -1.21  | 1.21  | 265.8 | 16.7  | 38.27 | 38.16 | 48.2  | 29.46 | 341.58900000012 | 48        | 0   | -5  | 5   | 262 | 10  | 0   | -1  | 1   | 265 | (   | )%   |    |
| 125.25                                                                                                            | -0.11  | -0.62  | 0.63  | 259.65 | 51.49 | 0.03   | -1.41  | 1.41  | 271.5 | 22.5  | 73.76 | 73.76 | 52.15 | 46.93 | 403.71900000013 | 125       | 0   | 0   | 0   | 259 | 51  | 0   | -1  | 1   | 271 | (   | )%   |    |
| 51.49                                                                                                             | 0.03   | -1.41  | 1.41  | 271.52 | 28.77 | 1.51   | 2.74   | 3.14  | 61.0  | 6.2   | 23.14 | 23.12 | 24.31 | 20.51 | 230.82900000014 | 51        | 0   | -1  | 1   | 271 | 29  | 1   | 2   | 3   | 61  | (   | )%   |    |
| 66.29                                                                                                             | 0.0    | -2.49  | 2.49  | 269.96 | 51.37 | -0.82  | -4.08  | 4.17  | 258.5 | 6.0   | 15.03 | 15.01 | 12.8  | 13.46 | 136.44900000015 | 66        | 0   | -2  | 2   | 269 | 51  | 0   | -4  | 4   | 258 | (   | )%   |    |
| 51.37                                                                                                             | -0.82  | -4.08  | 4.17  | 258.55 | 11.34 | 0.17   | 0.13   | 0.22  | 38.3  | 14.0  | 40.26 | 40.19 | 48.71 | 31.73 | 353.65900000016 | 51        | 0   | -4  | 4   | 258 | 11  | 0   | 0   | 0   | 38  | (   | )%   |    |
| 47.86                                                                                                             | -3.57  | -21.27 | 21.57 | 260.46 | 48.48 | -0.21  | -1.98  | 1.99  | 263.6 | 6.0   | 19.59 | 9.95  | 15.2  | 12.98 | 79.65           | 900000017 | 48  | -3  | -21 | 21  | 260 | 48  | 0   | -1  | 1   | 263 | (    | )% |
| 48.48                                                                                                             | -0.21  | -1.98  | 1.99  | 263.67 | 49.31 | 4.53   | 61.69  | 61.85 | 85.7  | 9.0   | 63.85 | 59.02 | 32.19 | 28.7  | 117.67900000018 | 48        | 0   | -1  | 1   | 263 | 49  | 4   | 61  | 61  | 85  | (   | )%   |    |
| 48.31                                                                                                             | -70.04 | 39.22  | 80.27 | 150.75 | 47.23 | -0.64  | -1.12  | 1.29  | 240.2 | 15.36 | 80.28 | 18.34 | 34.8  | 29.34 | 130.83900000019 | 48        | -70 | 39  | 80  | 150 | 47  | 0   | -1  | 1   | 240 | (   | )%   |    |
| 47.23                                                                                                             | -0.64  | -1.12  | 1.29  | 240.25 | 43.98 | 34.23  | -19.62 | 39.46 | 330.1 | 10.24 | 39.61 | 37.55 | 25.45 | 18.84 | 114.16900000020 | 47        | 0   | -1  | 1   | 240 | 44  | 34  | -19 | 39  | 330 | (   | )%   |    |
| 46.63                                                                                                             | 64.01  | 40.07  | 75.52 | 32.05  | 47.8  | 1.89   | -0.61  | 1.98  | 341.9 | 17.85 | 74.27 | 17.45 | 32.85 | 27.71 | 154.44900000021 | 47        | 64  | 40  | 75  | 32  | 48  | 1   | 0   | 1   | 341 | (   | )%   |    |
| 47.8                                                                                                              | 1.89   | -0.61  | 1.98  | 341.97 | 49.65 | -57.41 | -8.94  | 58.11 | 188.8 | 10.34 | 59.91 | 55.4  | 32.59 | 37.39 | 92.62           | 900000022 | 48  | 1   | 0   | 1   | 341 | 50  | -57 | -8  | 58  | 188 | (    | )% |
| 44.56                                                                                                             | -68.16 | -11.41 | 69.11 | 189.5  | 47.04 | 0.45   | -1.06  | 1.15  | 293.1 | 11.27 | 69.43 | 18.08 | 32.72 | 28.99 | 105.71900000023 | 45        | -68 | -11 | 69  | 189 | 47  | 0   | -1  | 1   | 293 | (   | )%   |    |
| 47.04                                                                                                             | 0.45   | -1.06  | 1.15  | 293.1  | 47.82 | 93.99  | -15.19 | 95.21 | 350.8 | 20.93 | 94.6  | 89.97 | 37.74 | 30.09 | 179.45900000024 | 47        | 0   | -1  | 1   | 293 | 48  | 93  | -15 | 95  | 350 | (   | )%   |    |
| 29.98                                                                                                             | 23.58  | -52.55 | 57.59 | 294.16 | 31.23 | -0.07  | -2.87  | 2.87  | 268.4 | 11.72 | 55.03 | 15.59 | 27.6  | 19.89 | 242.64900000025 | 30        | 23  | -52 | 57  | 294 | 31  | 0   | -2  | 2   | 268 | (   | )%   |    |
| 31.23                                                                                                             | -0.07  | -2.87  | 2.87  | 268.48 | 30.56 | 4.99   | 38.55  | 38.87 | 82.6  | 7.27  | 41.73 | 37.76 | 27.1  | 24.5  | 97.65           | 900000026 | 31  | 0   | -2  | 2   | 268 | 31  | 4   | 38  | 38  | 82  | (    | )% |
| 60.08                                                                                                             | -0.62  | -5.01  | 5.05  | 262.87 | 48.39 | -0.78  | -5.8   | 5.85  | 262.2 | 6.51  | 11.71 | 11.7  | 10.32 | 11.21 | 112.47900000027 | 60        | 0   | -5  | 5   | 262 | 48  | 0   | -5  | 5   | 262 | (   | )%   |    |
| 48.39                                                                                                             | -0.78  | -5.8   | 5.85  | 262.25 | 10.4  | -0.08  | -1.21  | 1.21  | 265.8 | 15.19 | 38.27 | 38.16 | 48.2  | 29.46 | 341.58900000028 | 48        | 0   | -5  | 5   | 262 | 10  | 0   | -1  | 1   | 265 | (   | )%   |    |
| 125.25                                                                                                            | -0.11  | -0.62  | 0.63  | 259.65 | 51.49 | 0.03   | -1.41  | 1.41  | 271.5 | 20.57 | 73.76 | 73.76 | 52.15 | 46.93 | 403.71900000029 | 125       | 0   | 0   | 0   | 259 | 51  | 0   | -1  | 1   | 271 | (   | )%   |    |
| 51.49                                                                                                             | 0.03   | -1.41  | 1.41  | 271.52 | 28.77 | 1.51   | 2.74   | 3.14  | 61.0  | 8.12  | 23.14 | 23.12 | 24.31 | 20.51 | 230.82900000030 | 51        | 0   | -1  | 1   | 271 | 29  | 1   | 2   | 3   | 61  | (   | )%   |    |
| 66.29                                                                                                             | 0.0    | -2.49  | 2.49  | 269.96 | 51.37 | -0.82  | -4.08  | 4.17  | 258.5 | 7.0   | 15.03 | 15.01 | 12.8  | 13.46 | 136.44900000031 | 66        | 0   | -2  | 2   | 269 | 51  | 0   | -4  | 4   | 258 | (   | )%   |    |
| 51.37                                                                                                             | -0.82  | -4.08  | 4.17  | 258.55 | 11.34 | 0.17   | 0.13   | 0.22  | 38.3  | 13.0  | 40.26 | 40.19 | 48.71 | 31.73 | 353.65900000032 | 51        | 0   | -4  | 4   | 258 | 11  | 0   | 0   | 0   | 38  | (   | )%   |    |
| 47.86                                                                                                             | -3.57  | -21.27 | 21.57 | 260.46 | 47.7  | -2.89  | -16.76 | 17.01 | 260.2 | 0.84  | 4.56  | 2.32  | 2.82  | 2.43  | 19.06           | 900000033 | 48  | -3  | -21 | 21  | 260 | 48  | -2  | -16 | 17  | 260 | (    | )% |
| 47.7                                                                                                              | -2.89  | -16.76 | 17.01 | 260.2  | 48.15 | -2.71  | -13.1  | 13.38 | 258.3 | 0.84  | 3.68  | 2.14  | 2.59  | 2.18  | 16.38           | 900000034 | 48  | -2  | -16 | 17  | 260 | 48  | -2  | -13 | 13  | 258 | (    | )% |
| 48.15                                                                                                             | -2.71  | -13.1  | 13.38 | 258.3  | 48.56 | -1.9   | -10.73 | 10.89 | 259.9 | 0.84  | 2.54  | 1.62  | 1.98  | 1.78  | 10.96           | 900000035 | 48  | -2  | -13 | 13  | 258 | 49  | -1  | -10 | 10  | 259 | (    | )% |
| 48.56                                                                                                             | -1.9   | -10.73 | 10.89 | 259.95 | 48.69 | -1.42  | -8.47  | 8.59  | 260.4 | 0.84  | 2.31  | 1.55  | 1.94  | 1.64  | 9.34            | 900000036 | 49  | -1  | -10 | 10  | 259 | 49  | -1  | -8  | 8   | 260 | (    | )% |
| 48.69                                                                                                             | -1.42  | -8.47  | 8.59  | 260.43 | 48.48 | -0.22  | -1.98  | 1.99  | 263.6 | 0.84  | 6.6   | 4.76  | 6.92  | 5.43  | 25.52           | 900000037 | 49  | -1  | -8  | 8   | 260 | 48  | 0   | -1  | 1   | 263 | (    | )% |
| 48.48                                                                                                             | -0.22  | -1.98  | 1.99  | 263.65 | 47.07 | 1.82   | 8.81   | 9.0   | 78.2  | 2.16  | 11.08 | 10.53 | 12.63 | 9.82  | 40.35           | 900000038 | 48  | 0   | -1  | 1   | 263 | 47  | 1   | 8   | 9   | 78  | (    | )% |
| 47.07                                                                                                             | 1.82   | 8.81   | 9.0   | 78.28  | 47.86 | 3.74   | 23.96  | 24.25 | 81.1  | 2.16  | 15.29 | 10.9  | 10.17 | 8.8   | 37.37           | 900000039 | 47  | 1   | 8   | 9   | 78  | 48  | 3   | 23  | 24  | 81  | (    | )% |
| 47.86                                                                                                             | 3.74   | 23.96  | 24.25 | 81.12  | 48.71 | 4.93   | 35.33  | 35.67 | 82.0  | 2.16  | 11.45 | 5.53  | 5.74  | 4.94  | 20.31           | 900000040 | 48  | 3   | 23  | 24  | 81  | 49  | 4   | 35  | 35  | 82  | (    | )% |
| 48.71                                                                                                             | 4.93   | 35.33  | 35.67 | 82.05  | 48.85 | 5.5    | 40.98  | 41.35 | 82.3  | 2.16  | 5.68  | 2.18  | 2.5   | 2.08  | 7.4             | 900000041 | 49  | 4   | 35  | 35  | 82  | 49  | 5   | 40  | 41  | 82  | (    | )% |
| 48.85                                                                                                             | 5.5    | 40.98  | 41.35 | 82.34  | 49.31 | 4.53   | 61.67  | 61.84 | 85.7  | 2.16  | 20.72 | 7.41  | 8.16  | 6.52  | 18.0            | 900000042 | 49  | 5   | 40  | 41  | 82  | 49  | 4   | 61  | 61  | 85  | (    | )% |
| 48.31                                                                                                             | -70.04 | 39.21  | 80.27 | 150.75 | 47.93 | -53.36 | 28.03  | 60.28 | 152.2 | 2.86  | 20.07 | 4.43  | 6.78  | 4.87  | 21.65           | 900000043 | 48  | -70 | 39  | 80  | 150 | 48  | -53 | 28  | 60  | 152 | (    | )% |
| 47.93                                                                                                             | -53.36 | 28.03  | 60.28 | 152.28 | 47.8  | -38.51 | 19.13  | 43.0  | 153.5 | 2.86  | 17.31 | 4.69  | 6.66  | 5.23  | 23.49           | 900000044 | 48  | -53 | 28  | 60  | 152 | 48  | -38 | 19  | 43  | 153 | (    | )% |
| 47.8                                                                                                              | -38.51 | 19.13  | 43.0  | 153.57 | 48.0  | -21.22 | 9.59   | 23.29 | 155.6 | 2.86  | 19.74 | 6.75  | 9.35  | 8.01  | 33.94           | 900000045 | 48  | -38 | 19  | 43  | 153 | 48  | -21 | 9   | 23  | 155 | (    | )% |
| 48.0                                                                                                              | -21.22 | 9.59   | 23.29 | 155.67 | 47.9  | -7.63  | 2.45   | 8.01  | 162.1 | 2.86  | 15.35 | 7.54  | 10.5  | 10.47 | 32.6            | 900000046 | 48  | -21 | 9   | 23  | 155 | 48  | -7  | 2   | 8   | 162 | (    | )% |
| 47.9                                                                                                              | -7.63  | 2.45   | 8.01  | 162.18 | 47.23 | -0.63  | -1.12  | 1.29  | 240.5 | 2.86  | 7.88  | 6.16  | 8.87  | 8.81  | 20.55           | 900000047 | 48  | -7  | 2   | 8   | 162 | 47  | 0   | -1  | 1   | 240 | (    | )% |
| 47.23                                                                                                             | -0.63  | -1.12  | 1.29  | 240.5  | 45.44 | 8.02   | -5.79  | 9.89  | 324.1 | 2.26  | 9.99  | 9.55  | 11.18 | 11.2  | 32.69           | 900000048 | 47  | 0   | -1  | 1   | 240 | 45  | 8   | -5  |     |     |      |    |

| %L*a*b*                                                                                                           | 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=192, colour difference pairs RS_ER192, xchart3=0, xchart4=0 % |        |        |       |        |        |        |        |       |       |      |       |       |       |       |                |           |     |     |     |     |     |     |     |     |     |     |      |    |
| 44.63                                                                                                             | 22.74  | -13.7  | 26.55 | 328.93 | 44.48  | 28.22  | -16.48 | 32.68 | 329.7 | 2.26 | 6.14  | 2.81  | 3.08  | 2.7   | 16.67          | 900000051 | 45  | 22  | -13 | 26  | 328 | 44  | 28  | -16 | 32  | 329 | (    | )% |
| 44.48                                                                                                             | 28.22  | -16.48 | 32.68 | 329.7  | 43.98  | 34.24  | -19.63 | 39.47 | 330.1 | 2.26 | 6.81  | 2.79  | 3.12  | 2.64  | 19.85          | 900000052 | 44  | 28  | -16 | 32  | 329 | 44  | 34  | -19 | 39  | 330 | (    | )% |
| 46.63                                                                                                             | 64.01  | 40.07  | 75.51 | 32.04  | 46.48  | 53.49  | 28.27  | 60.5  | 27.8  | 4.0  | 15.8  | 4.12  | 6.03  | 4.58  | 24.73          | 900000053 | 47  | 64  | 40  | 75  | 32  | 46  | 53  | 28  | 60  | 27  | (    | )% |
| 46.48                                                                                                             | 53.49  | 28.27  | 60.5  | 27.85  | 46.52  | 48.17  | 23.7   | 53.69 | 26.2  | 4.0  | 7.0   | 2.02  | 2.73  | 2.13  | 12.8           | 900000054 | 46  | 53  | 28  | 60  | 27  | 47  | 48  | 23  | 53  | 26  | (    | )% |
| 46.52                                                                                                             | 48.17  | 23.7   | 53.69 | 26.2   | 47.57  | 27.78  | 10.54  | 29.71 | 20.7  | 4.0  | 24.29 | 7.39  | 10.59 | 8.74  | 52.43          | 900000055 | 47  | 48  | 23  | 53  | 26  | 48  | 27  | 10  | 29  | 20  | (    | )% |
| 47.57                                                                                                             | 27.78  | 10.54  | 29.71 | 20.78  | 47.79  | 13.9   | 4.04   | 14.48 | 16.2  | 4.0  | 15.32 | 6.62  | 8.94  | 8.34  | 34.93          | 900000056 | 48  | 27  | 10  | 29  | 20  | 48  | 13  | 4   | 14  | 16  | (    | )% |
| 47.79                                                                                                             | 13.9   | 4.04   | 14.48 | 16.22  | 47.8   | 1.89   | -0.61  | 1.99  | 341.9 | 4.0  | 12.88 | 7.99  | 11.78 | 12.13 | 30.53          | 900000057 | 48  | 13  | 4   | 14  | 16  | 48  | 1   | 0   | 1   | 341 | (    | )% |
| 47.8                                                                                                              | 1.89   | -0.61  | 1.99  | 341.96 | 46.68  | -8.28  | -2.77  | 8.73  | 198.4 | 1.64 | 10.46 | 9.94  | 12.77 | 13.27 | 25.49          | 900000058 | 48  | 1   | 0   | 1   | 341 | 47  | -8  | -2  | 8   | 198 | (    | )% |
| 46.68                                                                                                             | -8.28  | -2.77  | 8.73  | 198.49 | 46.98  | -16.55 | -3.99  | 17.02 | 193.5 | 1.64 | 8.35  | 6.02  | 6.26  | 6.63  | 15.64          | 900000059 | 47  | -8  | -2  | 8   | 198 | 47  | -16 | -3  | 17  | 193 | (    | )% |
| 46.98                                                                                                             | -16.55 | -3.99  | 17.02 | 193.56 | 49.43  | -36.32 | -6.67  | 36.93 | 190.4 | 1.64 | 20.1  | 11.58 | 10.71 | 9.75  | 38.03          | 900000060 | 47  | -16 | -3  | 17  | 193 | 49  | -36 | -6  | 36  | 190 | (    | )% |
| 49.43                                                                                                             | -36.32 | -6.67  | 36.93 | 190.41 | 49.16  | -43.7  | -7.57  | 44.35 | 189.8 | 1.64 | 7.44  | 2.81  | 3.2   | 2.65  | 9.86           | 900000061 | 49  | -36 | -6  | 36  | 190 | 49  | -43 | -7  | 44  | 189 | (    | )% |
| 49.16                                                                                                             | -43.7  | -7.57  | 44.35 | 189.83 | 49.65  | -57.4  | -8.94  | 58.1  | 188.8 | 1.64 | 13.77 | 4.64  | 5.33  | 4.21  | 15.11          | 900000062 | 49  | -43 | -7  | 44  | 189 | 50  | -57 | -8  | 58  | 188 | (    | )% |
| 44.56                                                                                                             | -68.16 | -11.41 | 69.11 | 189.5  | 45.09  | -46.65 | -8.98  | 47.5  | 190.9 | 2.0  | 21.65 | 5.32  | 7.91  | 6.03  | 22.97          | 900000063 | 45  | -68 | -11 | 69  | 189 | 45  | -46 | -8  | 47  | 190 | (    | )% |
| 45.09                                                                                                             | -46.65 | -8.98  | 47.5  | 190.9  | 45.52  | -37.44 | -7.71  | 38.22 | 191.6 | 2.0  | 9.3   | 3.0   | 3.91  | 3.21  | 12.79          | 900000064 | 45  | -46 | -8  | 47  | 190 | 46  | -37 | -7  | 38  | 191 | (    | )% |
| 45.52                                                                                                             | -37.44 | -7.71  | 38.22 | 191.64 | 46.73  | -19.62 | -4.87  | 20.22 | 193.9 | 2.0  | 18.08 | 6.76  | 9.16  | 8.12  | 30.78          | 900000065 | 46  | -37 | -7  | 38  | 191 | 47  | -19 | -4  | 20  | 193 | (    | )% |
| 46.73                                                                                                             | -19.62 | -4.87  | 20.22 | 193.95 | 47.61  | -10.23 | -3.14  | 10.7  | 197.0 | 2.0  | 9.59  | 5.09  | 6.61  | 6.86  | 19.96          | 900000066 | 47  | -19 | -4  | 20  | 193 | 48  | -10 | -3  | 10  | 197 | (    | )% |
| 47.61                                                                                                             | -10.23 | -3.14  | 10.7  | 197.09 | 47.04  | 0.45   | -1.05  | 1.15  | 293.3 | 2.0  | 10.9  | 7.88  | 11.72 | 12.17 | 23.58          | 900000067 | 48  | -10 | -3  | 10  | 197 | 47  | 0   | -1  | 1   | 293 | (    | )% |
| 47.04                                                                                                             | 0.45   | -1.05  | 1.15  | 293.35 | 46.47  | 36.8   | -5.25  | 37.18 | 351.8 | 4.44 | 36.59 | 34.82 | 23.03 | 22.85 | 77.34          | 900000068 | 47  | 0   | -1  | 1   | 293 | 46  | 36  | -5  | 37  | 351 | (    | )% |
| 46.47                                                                                                             | 36.8   | -5.25  | 37.18 | 351.87 | 46.55  | 51.92  | -7.41  | 52.45 | 351.8 | 4.44 | 15.27 | 5.71  | 6.26  | 5.06  | 29.43          | 900000069 | 46  | 36  | -5  | 37  | 351 | 47  | 51  | -7  | 52  | 351 | (    | )% |
| 46.55                                                                                                             | 51.92  | -7.41  | 52.45 | 351.87 | 46.97  | 70.55  | -10.45 | 71.32 | 351.5 | 4.44 | 18.87 | 5.63  | 6.7   | 5.0   | 33.96          | 900000070 | 47  | 51  | -7  | 52  | 351 | 47  | 70  | -10 | 71  | 351 | (    | )% |
| 46.97                                                                                                             | 70.55  | -10.45 | 71.32 | 351.57 | 47.32  | 79.1   | -12.06 | 80.01 | 351.3 | 4.44 | 8.7   | 2.1   | 2.86  | 2.0   | 14.99          | 900000071 | 47  | 70  | -10 | 71  | 351 | 47  | 79  | -12 | 80  | 351 | (    | )% |
| 47.32                                                                                                             | 79.1   | -12.06 | 80.01 | 351.33 | 47.82  | 93.98  | -15.19 | 95.2  | 350.8 | 4.44 | 15.22 | 3.35  | 4.72  | 3.12  | 25.41          | 900000072 | 47  | 79  | -12 | 80  | 351 | 48  | 93  | -15 | 95  | 350 | (    | )% |
| 29.98                                                                                                             | 23.58  | -52.55 | 57.6  | 294.17 | 30.2   | 17.25  | -42.22 | 45.61 | 292.2 | 2.3  | 12.11 | 3.47  | 4.74  | 3.04  | 49.81          | 900000073 | 30  | 23  | -52 | 57  | 294 | 30  | 17  | -42 | 45  | 292 | (    | )% |
| 30.2                                                                                                              | 17.25  | -42.22 | 45.61 | 292.22 | 30.8   | 11.57  | -32.07 | 34.1  | 289.8 | 2.3  | 11.64 | 3.94  | 5.18  | 3.47  | 52.69          | 900000074 | 30  | 17  | -42 | 45  | 292 | 31  | 11  | -32 | 34  | 289 | (    | )% |
| 30.8                                                                                                              | 11.57  | -32.07 | 34.1  | 289.84 | 31.2   | 5.67   | -19.32 | 20.13 | 286.3 | 2.3  | 14.05 | 5.62  | 7.44  | 5.69  | 64.39          | 900000075 | 31  | 11  | -32 | 34  | 289 | 31  | 5   | -19 | 20  | 286 | (    | )% |
| 31.2                                                                                                              | 5.67   | -19.32 | 20.13 | 286.37 | 31.34  | 2.27   | -10.5  | 10.74 | 282.2 | 2.3  | 9.45  | 4.99  | 6.56  | 5.75  | 42.56          | 900000076 | 31  | 5   | -19 | 20  | 286 | 31  | 2   | -10 | 10  | 282 | (    | )% |
| 31.34                                                                                                             | 2.27   | -10.5  | 10.74 | 282.22 | 31.23  | -0.07  | -2.87  | 2.87  | 268.4 | 2.3  | 7.98  | 5.43  | 7.81  | 6.48  | 34.56          | 900000077 | 31  | 2   | -10 | 10  | 282 | 31  | 0   | -2  | 2   | 268 | (    | )% |
| 31.23                                                                                                             | -0.07  | -2.87  | 2.87  | 268.47 | 30.92  | -0.46  | 5.09   | 5.11  | 95.2  | 1.5  | 7.97  | 7.6   | 9.82  | 7.49  | 31.89          | 900000078 | 31  | 0   | -2  | 2   | 268 | 31  | 0   | 5   | 5   | 95  | (    | )% |
| 30.92                                                                                                             | -0.46  | 5.09   | 5.11  | 95.24  | 30.4   | 1.32   | 12.82  | 12.89 | 84.1  | 1.5  | 7.95  | 6.51  | 7.11  | 5.98  | 24.65          | 900000079 | 31  | 0   | 5   | 5   | 95  | 30  | 1   | 12  | 12  | 84  | (    | )% |
| 30.4                                                                                                              | 1.32   | 12.82  | 12.89 | 84.11  | 30.56  | 3.07   | 22.89  | 23.1  | 82.3  | 1.5  | 10.22 | 6.47  | 6.54  | 5.72  | 21.83          | 900000080 | 30  | 1   | 12  | 12  | 84  | 31  | 3   | 22  | 23  | 82  | (    | )% |
| 30.56                                                                                                             | 3.07   | 22.89  | 23.1  | 82.34  | 30.66  | 3.86   | 27.96  | 28.23 | 82.1  | 1.5  | 5.12  | 2.51  | 2.75  | 2.38  | 8.14           | 900000081 | 31  | 3   | 22  | 23  | 82  | 31  | 3   | 27  | 28  | 82  | (    | )% |
| 30.66                                                                                                             | 3.86   | 27.96  | 28.23 | 82.12  | 30.56  | 5.0    | 38.53  | 38.85 | 82.6  | 1.5  | 10.63 | 4.68  | 5.0   | 4.24  | 12.23          | 900000082 | 31  | 3   | 27  | 28  | 82  | 31  | 5   | 38  | 38  | 82  | (    | )% |
| 60.08                                                                                                             | -0.62  | -5.01  | 5.05  | 262.91 | 57.56  | -0.66  | -5.09  | 5.13  | 262.6 | 1.0  | 2.51  | 2.51  | 2.13  | 2.25  | 23.54          | 900000083 | 60  | 0   | -5  | 5   | 262 | 58  | 0   | -5  | 5   | 262 | (    | )% |
| 57.56                                                                                                             | -0.66  | -5.09  | 5.13  | 262.6  | 54.8   | -0.98  | -5.0   | 5.09  | 258.8 | 1.0  | 2.78  | 2.78  | 2.43  | 2.61  | 26.49          | 900000084 | 58  | 0   | -5  | 5   | 262 | 55  | 0   | -5  | 5   | 258 | (    | )% |
| 54.8                                                                                                              | -0.98  | -5.0   | 5.09  | 258.8  | 53.51  | -0.7   | -5.4   | 5.45  | 262.5 | 1.0  | 1.38  | 1.35  | 1.27  | 1.34  | 12.74          | 900000085 | 55  | 0   | -5  | 5   | 258 | 54  | 0   | -5  | 5   | 262 | (    | )% |
| 53.51                                                                                                             | -0.7   | -5.4   | 5.45  | 262.53 | 52.12  | -0.77  | -5.53  | 5.58  | 262.0 | 1.0  | 1.39  | 1.38  | 1.24  | 1.36  | 13.71          | 900000086 | 54  | 0   | -5  | 5   | 262 | 52  | 0   | -5  | 5   | 262 | (    | )% |
| 52.12                                                                                                             | -0.77  | -5.53  | 5.58  | 262.02 | 48.39  | -0.78  | -5.8   | 5.85  | 262.3 | 1.0  | 3.74  | 3.73  | 3.43  | 3.73  | 37.77          | 900000087 | 52  | 0   | -5  | 5   | 262 | 48  | 0   | -5  | 5   | 262 | (    | )% |
| 48.39                                                                                                             | -0.78  | -5.8   | 5.85  | 262.3  | 41.87  | -0.72  | -5.97  | 6.02  | 263.0 | 3.34 | 6.52  | 6.52  | 6.33  | 6.19  | 68.66          | 900000088 | 48  | 0   | -5  | 5   | 262 | 42  | 0   | -5  | 6   | 263 | (    | )% |
| 41.87                                                                                                             | -0.72  | -5.97  | 6.02  | 263.08 | 35.43  | -0.7   | -5.72  | 5.76  | 262.9 | 3.34 | 6.44  | 6.43  | 6.84  | 5.56  | 70.95          | 900000089 | 42  | 0   | -5  | 6   | 263 | 35  | 0   | -5  | 5   | 262 | (    | )% |
| 35.43                                                                                                             | -0.7   | -5.72  | 5.76  | 262.93 | 27.35  | -0.59  | -4.82  | 4.85  | 262.9 | 3.34 | 8.13  | 8.11  | 9.81  | 6.4   | 91.51          | 900000090 | 35  | 0   | -5  | 5   | 262 | 27  | 0   | -4  | 4   | 262 | (    | )% |
| 27.35                                                                                                             | -0.59  | -4.82  | 4.85  | 262.95 | 20.24  | -0.48  | -3.48  | 3.52  | 262.0 | 3.34 | 7.23  | 7.19  | 10.46 | 5.24  | 79.57          | 900000091 | 27  | 0   | -4  | 4   | 262 | 20  | 0   | -3  | 3   | 262 | (    | )% |
| 20.24                                                                                                             | -0.48  | -3.48  | 3.52  | 262.06 | 10.4   | -0.08  | -1.22  | 1.22  | 265.8 | 3.34 | 10.09 | 10.03 | 19.46 | 6.82  | 96.22          | 900000092 | 20  | 0   | -3  | 3   | 262 | 10  | 0   | -1  | 1   | 265 | (    | )% |
| 125.25                                                                                                            | -0.11  | -0.62  | 0.63  | 259.62 | 105.51 | -0.98  | -2.98  | 3.14  | 251.8 | 4.5  | 19.9  | 19.89 | 13.11 | 10.28 | 112.6890000093 | 125       | 0   | 0   | 0   | 259 | 106 | 0   | -2  | 3   | 251 | (   | )%   |    |
| 105.51                                                                                                            | -0.98  | -2.98  | 3.14  | 251.83 | 85.95  | -1.29  | -3.78  | 4.0   | 251.1 | 4.5  | 19.58 | 19.57 | 13.45 | 11.65 | 129.0290000094 | 106       | 0   | -2  | 3   | 251 | 86  | -1  | -3  | 4   | 251 | (   | )%   |    |
| 85.95                                                                                                             | -1.29  | -3.78  | 4.0   | 251.14 | 69.14  | -0.77  | -3.28  | 3.37  | 256.6 | 4.5  | 16.82 | 16.82 | 12.56 | 11.96 | 129.4590000095 | 86        | -1  | -3  | 4   | 251 | 69  | 0   | -3  | 3   | 256 | (   | )%   |    |
| 69.14                                                                                                             | -0.77  | -3.28  | 3.37  | 256.66 | 62.72  | -0.51  | -2.75  | 2.8   | 259.3 | 4.5  | 6.44  | 6.43  | 5.18  | 5.24  | 55.88          | 900000096 | 69  | 0   | -3  | 3   | 256 | 63  | 0   | -2  | 2   | 259 | (    | )% |
| 62.72                                                                                                             | -0.51  | -2.75  | 2.8   | 259.39 | 51.49  | 0.03   | -1.41  | 1.41  | 271.5 | 4.5  | 11.32 | 11.3  | 9.81  | 10.4  | 105.2890000097 | 63        | 0   | -2  | 2   | 259 | 51  | 0   | -1  | 1   | 271 | (   | )%   |    |
| 51.49                                                                                                             | 0.03   | -1.41  | 1.41  | 271.52 | 47.33  | 0.27   | -0.75  | 0.8   | 289.9 | 1.24 | 4.21  | 4.2   | 3.97  | 4.21  | 42.31          | 900000098 | 51  | 0   | -1  | 1   | 271 | 47  | 0   | 0   | 0   | 289 | (    | )% |
| 47.33                                                                                                             | 0      |        |       |        |        |        |        |       |       |      |       |       |       |       |                |           |     |     |     |     |     |     |     |     |     |     |      |    |

| %L*a*b* | 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=192, colour difference pairs RS_ER192, xchart3=0, xchart4=0 % |        |       |        |       |        |        |       |       |      |       |       |       |       |        |          |     |     |     |     |     |     |     |     |     |     |      |    |
| 37.87   | 0.87                                                                                                      | 0.92   | 1.27  | 46.61  | 33.6  | 1.18   | 1.8    | 2.15  | 56.6  | 1.24 | 4.37  | 4.36  | 4.92  | 3.66  | 48.1   | 90000101 | 38  | 0   | 0   | 1   | 46  | 34  | 1   | 1   | 2   | 56  | (    | )% |
| 33.6    | 1.18                                                                                                      | 1.8    | 2.15  | 56.63  | 28.77 | 1.51   | 2.73   | 3.13  | 61.0  | 1.24 | 4.93  | 4.91  | 5.99  | 3.9   | 55.21  | 90000102 | 34  | 1   | 1   | 2   | 56  | 29  | 1   | 2   | 3   | 61  | (    | )% |
| 66.29   | 0.0                                                                                                       | -2.49  | 2.49  | 270.04 | 62.57 | -0.46  | -2.93  | 2.97  | 261.0 | 1.2  | 3.77  | 3.77  | 3.12  | 3.17  | 32.99  | 90000103 | 66  | 0   | -2  | 2   | 270 | 63  | 0   | -2  | 2   | 261 | (    | )% |
| 62.57   | -0.46                                                                                                     | -2.93  | 2.97  | 261.04 | 59.73 | -0.56  | -3.2   | 3.25  | 259.9 | 1.2  | 2.85  | 2.85  | 2.38  | 2.47  | 25.97  | 90000104 | 63  | 0   | -2  | 2   | 261 | 60  | 0   | -3  | 3   | 259 | (    | )% |
| 59.73   | -0.56                                                                                                     | -3.2   | 3.25  | 259.98 | 57.24 | -0.66  | -3.56  | 3.62  | 259.4 | 1.2  | 2.52  | 2.51  | 2.16  | 2.26  | 23.39  | 90000105 | 60  | 0   | -3  | 3   | 259 | 57  | 0   | -3  | 3   | 259 | (    | )% |
| 57.24   | -0.66                                                                                                     | -3.56  | 3.62  | 259.47 | 53.66 | -0.77  | -3.95  | 4.03  | 258.9 | 1.2  | 3.59  | 3.59  | 3.14  | 3.38  | 34.48  | 90000106 | 57  | 0   | -3  | 3   | 259 | 54  | 0   | -3  | 4   | 258 | (    | )% |
| 53.66   | -0.77                                                                                                     | -3.95  | 4.03  | 258.98 | 51.37 | -0.82  | -4.08  | 4.16  | 258.5 | 1.2  | 2.29  | 2.29  | 2.06  | 2.25  | 22.74  | 90000107 | 54  | 0   | -3  | 4   | 258 | 51  | 0   | -4  | 4   | 258 | (    | )% |
| 51.37   | -0.82                                                                                                     | -4.08  | 4.16  | 258.54 | 45.3  | -0.85  | -4.28  | 4.37  | 258.6 | 2.8  | 6.07  | 6.06  | 5.68  | 6.01  | 62.17  | 90000108 | 51  | 0   | -4  | 4   | 258 | 45  | 0   | -4  | 4   | 258 | (    | )% |
| 45.3    | -0.85                                                                                                     | -4.28  | 4.37  | 258.68 | 38.93 | -0.85  | -4.06  | 4.14  | 258.1 | 2.8  | 6.37  | 6.37  | 6.44  | 5.77  | 68.58  | 90000109 | 45  | 0   | -4  | 4   | 258 | 39  | 0   | -4  | 4   | 258 | (    | )% |
| 38.93   | -0.85                                                                                                     | -4.06  | 4.14  | 258.17 | 28.51 | -0.6   | -2.96  | 3.02  | 258.4 | 2.8  | 10.48 | 10.46 | 12.1  | 8.49  | 116.26 | 90000110 | 39  | 0   | -4  | 4   | 258 | 29  | 0   | -2  | 3   | 258 | (    | )% |
| 28.51   | -0.6                                                                                                      | -2.96  | 3.02  | 258.47 | 21.2  | -0.35  | -1.78  | 1.82  | 258.8 | 2.8  | 7.4   | 7.38  | 10.42 | 5.44  | 82.19  | 90000111 | 29  | 0   | -2  | 3   | 258 | 21  | 0   | -1  | 1   | 258 | (    | )% |
| 21.2    | -0.35                                                                                                     | -1.78  | 1.82  | 258.81 | 11.34 | 0.2    | 0.11   | 0.23  | 28.3  | 2.8  | 10.05 | 10.03 | 19.24 | 6.86  | 98.54  | 90000112 | 21  | 0   | -1  | 1   | 258 | 11  | 0   | 0   | 0   | 28  | (    | )% |
| 47.86   | -3.57                                                                                                     | -21.27 | 21.57 | 260.46 | 47.7  | -2.89  | -16.76 | 17.01 | 260.2 | 1.2  | 4.56  | 2.32  | 2.82  | 2.43  | 19.06  | 90000113 | 48  | -3  | -21 | 21  | 260 | 48  | -2  | -16 | 17  | 260 | (    | )% |
| 47.7    | -2.89                                                                                                     | -16.76 | 17.01 | 260.2  | 48.15 | -2.71  | -13.1  | 13.38 | 258.3 | 1.2  | 3.68  | 2.14  | 2.59  | 2.18  | 16.38  | 90000114 | 48  | -2  | -16 | 17  | 260 | 48  | -2  | -13 | 13  | 258 | (    | )% |
| 48.15   | -2.71                                                                                                     | -13.1  | 13.38 | 258.3  | 48.56 | -1.9   | -10.73 | 10.89 | 259.9 | 1.2  | 2.54  | 1.62  | 1.98  | 1.78  | 10.96  | 90000115 | 48  | -2  | -13 | 13  | 258 | 49  | -1  | -10 | 10  | 259 | (    | )% |
| 48.56   | -1.9                                                                                                      | -10.73 | 10.89 | 259.95 | 48.69 | -1.42  | -8.47  | 8.59  | 260.4 | 1.2  | 2.31  | 1.55  | 1.94  | 1.64  | 9.34   | 90000116 | 49  | -1  | -10 | 10  | 259 | 49  | -1  | -8  | 8   | 260 | (    | )% |
| 48.69   | -1.42                                                                                                     | -8.47  | 8.59  | 260.43 | 48.48 | -0.22  | -1.98  | 1.99  | 263.6 | 1.2  | 6.6   | 4.76  | 6.92  | 5.43  | 25.52  | 90000117 | 49  | -1  | -8  | 8   | 260 | 48  | 0   | -1  | 1   | 263 | (    | )% |
| 48.48   | -0.22                                                                                                     | -1.98  | 1.99  | 263.65 | 47.07 | 1.82   | 8.81   | 9.0   | 78.2  | 1.8  | 11.08 | 10.53 | 12.63 | 9.82  | 40.35  | 90000118 | 48  | 0   | -1  | 1   | 263 | 47  | 1   | 8   | 9   | 78  | (    | )% |
| 47.07   | 1.82                                                                                                      | 8.81   | 9.0   | 78.28  | 47.86 | 3.74   | 23.96  | 24.25 | 81.1  | 1.8  | 15.29 | 10.9  | 10.17 | 8.8   | 37.37  | 90000119 | 47  | 1   | 8   | 9   | 78  | 48  | 3   | 23  | 24  | 81  | (    | )% |
| 47.86   | 3.74                                                                                                      | 23.96  | 24.25 | 81.12  | 48.71 | 4.93   | 35.33  | 35.67 | 82.0  | 1.8  | 11.45 | 5.53  | 5.74  | 4.94  | 20.31  | 90000120 | 48  | 3   | 23  | 24  | 81  | 49  | 4   | 35  | 35  | 82  | (    | )% |
| 48.71   | 4.93                                                                                                      | 35.33  | 35.67 | 82.05  | 48.85 | 5.5    | 40.98  | 41.35 | 82.3  | 1.8  | 5.68  | 2.18  | 2.5   | 2.08  | 7.4    | 90000121 | 49  | 4   | 35  | 35  | 82  | 49  | 5   | 40  | 41  | 82  | (    | )% |
| 48.85   | 5.5                                                                                                       | 40.98  | 41.35 | 82.34  | 49.31 | 4.53   | 61.67  | 61.84 | 85.7  | 1.8  | 20.72 | 7.41  | 8.16  | 6.52  | 18.0   | 90000122 | 49  | 5   | 40  | 41  | 82  | 49  | 4   | 61  | 61  | 85  | (    | )% |
| 48.31   | -70.04                                                                                                    | 39.21  | 80.27 | 150.75 | 47.93 | -53.36 | 28.03  | 60.28 | 152.2 | 3.07 | 20.07 | 4.43  | 6.78  | 4.87  | 21.65  | 90000123 | 48  | -70 | 39  | 80  | 150 | 48  | -53 | 28  | 60  | 152 | (    | )% |
| 47.93   | -53.36                                                                                                    | 28.03  | 60.28 | 152.28 | 47.8  | -38.51 | 19.13  | 43.0  | 153.5 | 3.07 | 17.31 | 4.69  | 6.66  | 5.23  | 23.49  | 90000124 | 48  | -53 | 28  | 60  | 152 | 48  | -38 | 19  | 43  | 153 | (    | )% |
| 47.8    | -38.51                                                                                                    | 19.13  | 43.0  | 153.57 | 48.0  | -21.22 | 9.59   | 23.29 | 155.6 | 3.07 | 19.74 | 6.75  | 9.35  | 8.01  | 33.94  | 90000125 | 48  | -38 | 19  | 43  | 153 | 48  | -21 | 9   | 23  | 155 | (    | )% |
| 48.0    | -21.22                                                                                                    | 9.59   | 23.29 | 155.67 | 47.9  | -7.63  | 2.45   | 8.01  | 162.1 | 3.07 | 15.35 | 7.54  | 10.5  | 10.47 | 32.6   | 90000126 | 48  | -21 | 9   | 23  | 155 | 48  | -7  | 2   | 8   | 162 | (    | )% |
| 47.9    | -7.63                                                                                                     | 2.45   | 8.01  | 162.18 | 47.23 | -0.63  | -1.12  | 1.29  | 240.5 | 3.07 | 7.88  | 6.16  | 8.87  | 8.81  | 20.55  | 90000127 | 48  | -7  | 2   | 8   | 162 | 47  | 0   | -1  | 1   | 240 | (    | )% |
| 47.23   | -0.63                                                                                                     | -1.12  | 1.29  | 240.5  | 45.44 | 8.02   | -5.79  | 9.89  | 324.1 | 2.04 | 9.99  | 9.55  | 11.18 | 11.2  | 32.69  | 90000128 | 47  | 0   | -1  | 1   | 240 | 45  | 8   | -5  | 9   | 324 | (    | )% |
| 45.44   | 8.02                                                                                                      | -5.79  | 9.89  | 324.18 | 44.91 | 13.81  | -8.92  | 16.44 | 327.1 | 2.04 | 6.6   | 4.6   | 4.91  | 5.05  | 19.03  | 90000129 | 45  | 8   | -5  | 9   | 324 | 45  | 13  | -8  | 16  | 327 | (    | )% |
| 44.91   | 13.81                                                                                                     | -8.92  | 16.44 | 327.14 | 44.63 | 22.74  | -13.7  | 26.55 | 328.9 | 2.04 | 10.12 | 5.83  | 5.94  | 5.65  | 27.94  | 90000130 | 45  | 13  | -8  | 16  | 327 | 45  | 22  | -13 | 26  | 328 | (    | )% |
| 44.63   | 22.74                                                                                                     | -13.7  | 26.55 | 328.93 | 44.48 | 28.22  | -16.48 | 32.68 | 329.7 | 2.04 | 6.14  | 2.81  | 3.08  | 2.7   | 16.67  | 90000131 | 45  | 22  | -13 | 26  | 328 | 44  | 28  | -16 | 32  | 329 | (    | )% |
| 44.48   | 28.22                                                                                                     | -16.48 | 32.68 | 329.7  | 43.98 | 34.24  | -19.63 | 39.47 | 330.1 | 2.04 | 6.81  | 2.79  | 3.12  | 2.64  | 19.85  | 90000132 | 44  | 28  | -16 | 32  | 329 | 44  | 34  | -19 | 39  | 330 | (    | )% |
| 46.63   | 64.01                                                                                                     | 40.07  | 75.51 | 32.04  | 46.48 | 53.49  | 28.27  | 60.5  | 27.8  | 3.57 | 15.8  | 4.12  | 6.03  | 4.58  | 24.73  | 90000133 | 47  | 64  | 40  | 75  | 32  | 46  | 53  | 28  | 60  | 27  | (    | )% |
| 46.48   | 53.49                                                                                                     | 28.27  | 60.5  | 27.85  | 46.52 | 48.17  | 23.7   | 53.69 | 26.2  | 3.57 | 7.0   | 2.02  | 2.73  | 2.13  | 12.8   | 90000134 | 46  | 53  | 28  | 60  | 27  | 47  | 48  | 23  | 53  | 26  | (    | )% |
| 46.52   | 48.17                                                                                                     | 23.7   | 53.69 | 26.2   | 47.57 | 27.78  | 10.54  | 29.71 | 20.7  | 3.57 | 24.29 | 7.39  | 10.59 | 8.74  | 52.43  | 90000135 | 47  | 48  | 23  | 53  | 26  | 48  | 27  | 10  | 29  | 20  | (    | )% |
| 47.57   | 27.78                                                                                                     | 10.54  | 29.71 | 20.78  | 47.79 | 13.9   | 4.04   | 14.48 | 16.2  | 3.57 | 15.32 | 6.62  | 8.94  | 8.34  | 34.93  | 90000136 | 48  | 27  | 10  | 29  | 20  | 48  | 13  | 4   | 14  | 16  | (    | )% |
| 47.79   | 13.9                                                                                                      | 4.04   | 14.48 | 16.22  | 47.8  | 1.89   | -0.61  | 1.99  | 341.9 | 3.57 | 12.88 | 7.99  | 11.78 | 12.13 | 30.53  | 90000137 | 48  | 13  | 4   | 14  | 16  | 48  | 1   | 0   | 1   | 341 | (    | )% |
| 47.8    | 1.89                                                                                                      | -0.61  | 1.99  | 341.96 | 46.68 | -8.28  | -2.77  | 8.73  | 198.4 | 2.07 | 10.46 | 9.94  | 12.77 | 13.27 | 25.49  | 90000138 | 48  | 1   | 0   | 1   | 341 | 47  | -8  | -2  | 8   | 198 | (    | )% |
| 46.68   | -8.28                                                                                                     | -2.77  | 8.73  | 198.49 | 46.98 | -16.55 | -3.99  | 17.02 | 193.5 | 2.07 | 8.35  | 6.02  | 6.26  | 6.63  | 15.64  | 90000139 | 47  | -8  | -2  | 8   | 198 | 47  | -16 | -3  | 17  | 193 | (    | )% |
| 46.98   | -16.55                                                                                                    | -3.99  | 17.02 | 193.56 | 49.43 | -36.32 | -6.67  | 36.93 | 190.4 | 2.07 | 20.1  | 11.58 | 10.71 | 9.75  | 38.03  | 90000140 | 47  | -16 | -3  | 17  | 193 | 49  | -36 | -6  | 36  | 190 | (    | )% |
| 49.43   | -36.32                                                                                                    | -6.67  | 36.93 | 190.41 | 49.16 | -43.7  | -7.57  | 44.35 | 189.8 | 2.07 | 7.44  | 2.81  | 3.2   | 2.65  | 9.86   | 90000141 | 49  | -36 | -6  | 36  | 190 | 49  | -43 | -7  | 44  | 189 | (    | )% |
| 49.16   | -43.7                                                                                                     | -7.57  | 44.35 | 189.83 | 49.65 | -57.4  | -8.94  | 58.1  | 188.8 | 2.07 | 13.77 | 4.64  | 5.33  | 4.21  | 15.11  | 90000142 | 49  | -43 | -7  | 44  | 189 | 50  | -57 | -8  | 58  | 188 | (    | )% |
| 44.56   | -68.16                                                                                                    | -11.41 | 69.11 | 189.5  | 45.09 | -46.65 | -8.98  | 47.5  | 190.9 | 2.25 | 21.65 | 5.32  | 7.91  | 6.03  | 22.97  | 90000143 | 45  | -68 | -11 | 69  | 189 | 45  | -46 | -8  | 47  | 190 | (    | )% |
| 45.09   | -46.65                                                                                                    | -8.98  | 47.5  | 190.9  | 45.52 | -37.44 | -7.71  | 38.22 | 191.6 | 2.25 | 9.3   | 3.0   | 3.91  | 3.21  | 12.79  | 90000144 | 45  | -46 | -8  | 47  | 190 | 46  | -37 | -7  | 38  | 191 | (    | )% |
| 45.52   | -37.44                                                                                                    | -7.71  | 38.22 | 191.64 | 46.73 | -19.62 | -4.87  | 20.22 | 193.9 | 2.25 | 18.08 | 6.76  | 9.16  | 8.12  | 30.78  | 90000145 | 46  | -37 | -7  | 38  | 191 | 47  | -19 | -4  | 20  | 193 | (    | )% |
| 46.73   | -19.62                                                                                                    | -4.87  | 20.22 | 193.95 | 47.61 | -10.23 | -3.14  | 10.7  | 197.0 | 2.25 | 9.59  | 5.09  | 6.61  | 6.86  | 19.96  | 90000146 | 47  | -19 | -4  | 20  | 193 | 48  | -10 | -3  | 10  | 197 | (    | )% |
| 47.61   | -10.23                                                                                                    | -3.14  | 10.7  | 197.09 | 47.04 | 0.45   | -1.05  | 1.15  | 293.3 | 2.25 | 10.9  | 7.88  | 11.72 | 12.17 | 23.58  | 90000147 | 48  | -10 | -3  | 10  | 197 | 47  | 0   | -1  | 1   | 293 | (    | )% |
| 47.04   | 0.45                                                                                                      | -1.05  | 1.15  | 293.35 | 46.47 | 36.8   | -5.25  | 37.18 | 351.8 | 4.18 | 36.59 | 34.82 | 22.83 | 22.85 | 77.34  | 90000148 | 47  | 0   | -1  | 1   | 293 | 46  | 36  | -5  | 37  | 351 | (    | )% |

| %L*a*b*                                                                                                           | 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=192, colour difference pairs RS_ER192, xchart3=0, xchart4=0 % |       |        |       |        |        |       |        |       |       |      |       |       |       |       |                |          |     |     |     |        |     |     |     |     |     |     |      |   |   |
| 46.97                                                                                                             | 70.55 | -10.45 | 71.32 | 351.57 | 47.32  | 79.1  | -12.06 | 80.01 | 351.3 | 4.18 | 8.7   | 2.1   | 2.86  | 2.0   | 14.99          | 90000151 | 47  | 70  | -10 | 71     | 351 | 47  | 79  | -12 | 80  | 351 | (    | ) | % |
| 47.32                                                                                                             | 79.1  | -12.06 | 80.01 | 351.33 | 47.82  | 93.98 | -15.19 | 95.2  | 350.8 | 4.18 | 15.22 | 3.35  | 4.72  | 3.12  | 25.41          | 90000152 | 47  | 79  | -12 | 80     | 351 | 48  | 93  | -15 | 95  | 350 | (    | ) | % |
| 29.98                                                                                                             | 23.58 | -52.55 | 57.6  | 294.17 | 30.2   | 17.25 | -42.22 | 45.61 | 292.2 | 2.34 | 12.11 | 3.47  | 4.74  | 3.04  | 49.81          | 90000153 | 30  | 23  | -52 | 57     | 294 | 30  | 17  | -42 | 45  | 292 | (    | ) | % |
| 30.2                                                                                                              | 17.25 | -42.22 | 45.61 | 292.22 | 30.8   | 11.57 | -32.07 | 34.1  | 289.8 | 2.34 | 11.64 | 3.94  | 5.18  | 3.47  | 52.69          | 90000154 | 30  | 17  | -42 | 45     | 292 | 31  | 11  | -32 | 34  | 289 | (    | ) | % |
| 30.8                                                                                                              | 11.57 | -32.07 | 34.1  | 289.84 | 31.2   | 5.67  | -19.32 | 20.13 | 286.3 | 2.34 | 14.05 | 5.62  | 7.44  | 5.69  | 64.39          | 90000155 | 31  | 11  | -32 | 34     | 289 | 31  | 5   | -19 | 20  | 286 | (    | ) | % |
| 31.2                                                                                                              | 5.67  | -19.32 | 20.13 | 286.37 | 31.34  | 2.27  | -10.5  | 10.74 | 282.2 | 2.34 | 9.45  | 4.99  | 6.56  | 5.75  | 42.56          | 90000156 | 31  | 5   | -19 | 20     | 286 | 31  | 2   | -10 | 10  | 282 | (    | ) | % |
| 31.34                                                                                                             | 2.27  | -10.5  | 10.74 | 282.22 | 31.23  | -0.07 | -2.87  | 2.87  | 268.4 | 2.34 | 7.98  | 5.43  | 7.81  | 6.48  | 34.56          | 90000157 | 31  | 2   | -10 | 10     | 282 | 31  | 0   | -2  | 2   | 268 | (    | ) | % |
| 31.23                                                                                                             | -0.07 | -2.87  | 2.87  | 268.47 | 30.92  | -0.46 | 5.09   | 5.11  | 95.2  | 1.45 | 7.97  | 7.6   | 9.82  | 7.49  | 31.89          | 90000158 | 31  | 0   | -2  | 2      | 268 | 31  | 0   | 5   | 5   | 95  | (    | ) | % |
| 30.92                                                                                                             | -0.46 | 5.09   | 5.11  | 95.24  | 30.4   | 1.32  | 12.82  | 12.89 | 84.1  | 1.45 | 7.95  | 6.51  | 7.11  | 5.98  | 24.65          | 90000159 | 31  | 0   | 5   | 5      | 95  | 30  | 1   | 12  | 12  | 84  | (    | ) | % |
| 30.4                                                                                                              | 1.32  | 12.82  | 12.89 | 84.11  | 30.56  | 3.07  | 22.89  | 23.1  | 82.3  | 1.45 | 10.22 | 6.47  | 6.54  | 5.72  | 21.83          | 90000160 | 30  | 1   | 12  | 12     | 84  | 31  | 3   | 22  | 23  | 82  | (    | ) | % |
| 30.56                                                                                                             | 3.07  | 22.89  | 23.1  | 82.34  | 30.66  | 3.86  | 27.96  | 28.23 | 82.1  | 1.45 | 5.12  | 2.51  | 2.75  | 2.38  | 8.14           | 90000161 | 31  | 3   | 22  | 23     | 82  | 31  | 3   | 27  | 28  | 82  | (    | ) | % |
| 30.66                                                                                                             | 3.86  | 27.96  | 28.23 | 82.12  | 30.56  | 5.0   | 38.53  | 38.85 | 82.6  | 1.45 | 10.63 | 4.68  | 5.0   | 4.24  | 12.23          | 90000162 | 31  | 3   | 27  | 28     | 82  | 31  | 5   | 38  | 38  | 82  | (    | ) | % |
| 60.08                                                                                                             | -0.62 | -5.01  | 5.05  | 262.91 | 57.56  | -0.66 | -5.09  | 5.13  | 262.6 | 1.3  | 2.51  | 2.51  | 2.13  | 2.25  | 23.54          | 90000163 | 60  | 0   | -5  | 5      | 262 | 58  | 0   | -5  | 5   | 262 | (    | ) | % |
| 57.56                                                                                                             | -0.66 | -5.09  | 5.13  | 262.6  | 54.8   | -0.98 | -5.0   | 5.09  | 258.8 | 1.3  | 2.78  | 2.78  | 2.43  | 2.61  | 26.49          | 90000164 | 58  | 0   | -5  | 5      | 262 | 55  | 0   | -5  | 5   | 258 | (    | ) | % |
| 54.8                                                                                                              | -0.98 | -5.0   | 5.09  | 258.8  | 53.51  | -0.7  | -5.4   | 5.45  | 262.5 | 1.3  | 1.38  | 1.35  | 1.27  | 1.34  | 12.74          | 90000165 | 55  | 0   | -5  | 5      | 258 | 54  | 0   | -5  | 5   | 262 | (    | ) | % |
| 53.51                                                                                                             | -0.7  | -5.4   | 5.45  | 262.53 | 52.12  | -0.77 | -5.53  | 5.58  | 262.0 | 1.3  | 1.39  | 1.38  | 1.24  | 1.36  | 13.71          | 90000166 | 54  | 0   | -5  | 5      | 262 | 52  | 0   | -5  | 5   | 262 | (    | ) | % |
| 52.12                                                                                                             | -0.77 | -5.53  | 5.58  | 262.02 | 48.39  | -0.78 | -5.8   | 5.85  | 262.3 | 1.3  | 3.74  | 3.73  | 3.43  | 3.73  | 37.77          | 90000167 | 52  | 0   | -5  | 5      | 262 | 48  | 0   | -5  | 5   | 262 | (    | ) | % |
| 48.39                                                                                                             | -0.78 | -5.8   | 5.85  | 262.3  | 41.87  | -0.72 | -5.97  | 6.02  | 263.0 | 3.03 | 6.52  | 6.52  | 6.33  | 6.19  | 68.66          | 90000168 | 48  | 0   | -5  | 5      | 262 | 42  | 0   | -5  | 6   | 263 | (    | ) | % |
| 41.87                                                                                                             | -0.72 | -5.97  | 6.02  | 263.08 | 35.43  | -0.7  | -5.72  | 5.76  | 262.9 | 3.03 | 6.44  | 6.43  | 6.84  | 5.56  | 70.95          | 90000169 | 42  | 0   | -5  | 6      | 263 | 35  | 0   | -5  | 5   | 262 | (    | ) | % |
| 35.43                                                                                                             | -0.7  | -5.72  | 5.76  | 262.93 | 27.35  | -0.59 | -4.82  | 4.85  | 262.9 | 3.03 | 8.13  | 8.11  | 9.81  | 6.4   | 91.51          | 90000170 | 35  | 0   | -5  | 5      | 262 | 27  | 0   | -4  | 4   | 262 | (    | ) | % |
| 27.35                                                                                                             | -0.59 | -4.82  | 4.85  | 262.95 | 20.24  | -0.48 | -3.48  | 3.52  | 262.0 | 3.03 | 7.23  | 7.19  | 10.46 | 5.24  | 79.57          | 90000171 | 27  | 0   | -4  | 4      | 262 | 20  | 0   | -3  | 3   | 262 | (    | ) | % |
| 20.24                                                                                                             | -0.48 | -3.48  | 3.52  | 262.06 | 10.4   | -0.08 | -1.22  | 1.22  | 265.8 | 3.03 | 10.09 | 10.03 | 19.46 | 6.82  | 96.22          | 90000172 | 20  | 0   | -3  | 3      | 262 | 10  | 0   | -1  | 1   | 265 | (    | ) | % |
| 125.25                                                                                                            | -0.11 | -0.62  | 0.63  | 259.62 | 105.51 | -0.98 | -2.98  | 3.14  | 251.8 | 4.11 | 19.9  | 19.89 | 13.11 | 10.28 | 112.6890000173 | 125      | 0   | 0   | 0   | 259106 | 0   | -2  | 3   | 251 | (   | )   | %    |   |   |
| 105.51                                                                                                            | -0.98 | -2.98  | 3.14  | 251.83 | 85.95  | -1.29 | -3.78  | 4.0   | 251.1 | 4.11 | 19.58 | 19.57 | 13.45 | 11.65 | 129.0290000174 | 106      | 0   | -2  | 3   | 251    | 86  | -1  | -3  | 4   | 251 | (   | )    | % |   |
| 85.95                                                                                                             | -1.29 | -3.78  | 4.0   | 251.14 | 69.14  | -0.77 | -3.28  | 3.37  | 256.6 | 4.11 | 16.82 | 16.82 | 12.56 | 11.96 | 129.4590000175 | 86       | -1  | -3  | 4   | 251    | 69  | 0   | -3  | 3   | 256 | (   | )    | % |   |
| 69.14                                                                                                             | -0.77 | -3.28  | 3.37  | 256.66 | 62.72  | -0.51 | -2.75  | 2.8   | 259.3 | 4.11 | 6.44  | 6.43  | 5.18  | 5.24  | 55.88          | 90000176 | 69  | 0   | -3  | 3      | 256 | 63  | 0   | -2  | 2   | 259 | (    | ) | % |
| 62.72                                                                                                             | -0.51 | -2.75  | 2.8   | 259.39 | 51.49  | 0.03  | -1.41  | 1.41  | 271.5 | 4.11 | 11.32 | 11.3  | 9.81  | 10.4  | 105.2890000177 | 63       | 0   | -2  | 2   | 259    | 51  | 0   | -1  | 1   | 271 | (   | )    | % |   |
| 51.49                                                                                                             | 0.03  | -1.41  | 1.41  | 271.52 | 47.33  | 0.27  | -0.75  | 0.8   | 289.9 | 1.62 | 4.21  | 4.2   | 3.97  | 4.21  | 42.31          | 90000178 | 51  | 0   | -1  | 1      | 271 | 47  | 0   | 0   | 0   | 289 | (    | ) | % |
| 47.33                                                                                                             | 0.27  | -0.75  | 0.8   | 289.96 | 43.22  | 0.52  | -0.03  | 0.52  | 356.3 | 1.62 | 4.18  | 4.18  | 4.14  | 3.99  | 43.38          | 90000179 | 47  | 0   | 0   | 0      | 289 | 43  | 0   | 0   | 0   | 356 | (    | ) | % |
| 43.22                                                                                                             | 0.52  | -0.03  | 0.52  | 356.36 | 37.87  | 0.87  | 0.92   | 1.27  | 46.6  | 1.62 | 5.44  | 5.44  | 5.71  | 4.85  | 58.37          | 90000180 | 43  | 0   | 0   | 0      | 356 | 38  | 0   | 0   | 1   | 46  | (    | ) | % |
| 37.87                                                                                                             | 0.87  | 0.92   | 1.27  | 46.61  | 33.6   | 1.18  | 1.8    | 2.15  | 56.6  | 1.62 | 4.37  | 4.36  | 4.92  | 3.66  | 48.1           | 90000181 | 38  | 0   | 0   | 1      | 46  | 34  | 1   | 1   | 2   | 56  | (    | ) | % |
| 33.6                                                                                                              | 1.18  | 1.8    | 2.15  | 56.63  | 28.77  | 1.51  | 2.73   | 3.13  | 61.0  | 1.62 | 4.93  | 4.91  | 5.99  | 3.9   | 55.21          | 90000182 | 34  | 1   | 1   | 2      | 56  | 29  | 1   | 2   | 3   | 61  | (    | ) | % |
| 66.29                                                                                                             | 0.0   | -2.49  | 2.49  | 270.04 | 62.57  | -0.46 | -2.93  | 2.97  | 261.0 | 1.4  | 3.77  | 3.77  | 3.12  | 3.17  | 32.99          | 90000183 | 66  | 0   | -2  | 2      | 270 | 63  | 0   | -2  | 2   | 261 | (    | ) | % |
| 62.57                                                                                                             | -0.46 | -2.93  | 2.97  | 261.04 | 59.73  | -0.56 | -3.2   | 3.25  | 259.9 | 1.4  | 2.85  | 2.85  | 2.38  | 2.47  | 25.97          | 90000184 | 63  | 0   | -2  | 2      | 261 | 60  | 0   | -3  | 3   | 259 | (    | ) | % |
| 59.73                                                                                                             | -0.56 | -3.2   | 3.25  | 259.98 | 57.24  | -0.66 | -3.56  | 3.62  | 259.4 | 1.4  | 2.52  | 2.51  | 2.16  | 2.26  | 23.39          | 90000185 | 60  | 0   | -3  | 3      | 259 | 57  | 0   | -3  | 3   | 259 | (    | ) | % |
| 57.24                                                                                                             | -0.66 | -3.56  | 3.62  | 259.47 | 53.66  | -0.77 | -3.95  | 4.03  | 258.9 | 1.4  | 3.59  | 3.59  | 3.14  | 3.38  | 34.48          | 90000186 | 57  | 0   | -3  | 3      | 259 | 54  | 0   | -3  | 4   | 258 | (    | ) | % |
| 53.66                                                                                                             | -0.77 | -3.95  | 4.03  | 258.98 | 51.37  | -0.82 | -4.08  | 4.16  | 258.5 | 1.4  | 2.29  | 2.29  | 2.06  | 2.25  | 22.74          | 90000187 | 54  | 0   | -3  | 4      | 258 | 51  | 0   | -4  | 4   | 258 | (    | ) | % |
| 51.37                                                                                                             | -0.82 | -4.08  | 4.16  | 258.54 | 45.3   | -0.85 | -4.28  | 4.37  | 258.6 | 2.6  | 6.07  | 6.06  | 5.68  | 6.01  | 62.17          | 90000188 | 51  | 0   | -4  | 4      | 258 | 45  | 0   | -4  | 4   | 258 | (    | ) | % |
| 45.3                                                                                                              | -0.85 | -4.28  | 4.37  | 258.68 | 38.93  | -0.85 | -4.06  | 4.14  | 258.1 | 2.6  | 6.37  | 6.37  | 6.44  | 5.77  | 68.58          | 90000189 | 45  | 0   | -4  | 4      | 258 | 39  | 0   | -4  | 4   | 258 | (    | ) | % |
| 38.93                                                                                                             | -0.85 | -4.06  | 4.14  | 258.17 | 28.51  | -0.6  | -2.96  | 3.02  | 258.4 | 2.6  | 10.48 | 10.46 | 12.1  | 8.49  | 116.2690000190 | 39       | 0   | -4  | 4   | 258    | 29  | 0   | -2  | 3   | 258 | (   | )    | % |   |
| 28.51                                                                                                             | -0.6  | -2.96  | 3.02  | 258.47 | 21.2   | -0.35 | -1.78  | 1.82  | 258.8 | 2.6  | 7.4   | 7.38  | 10.42 | 5.44  | 82.19          | 90000191 | 29  | 0   | -2  | 3      | 258 | 21  | 0   | -1  | 1   | 258 | (    | ) | % |
| 21.2                                                                                                              | -0.35 | -1.78  | 1.82  | 258.81 | 11.34  | 0.2   | 0.11   | 0.23  | 28.3  | 2.6  | 10.05 | 10.03 | 19.24 | 6.86  | 98.54          | 90000192 | 21  | 0   | -1  | 1      | 258 | 11  | 0   | 0   | 0   | 28  | (    | ) | % |

|      |     |     |       |      |     |     |     |       |      |    |       |       |       |       |       |    |     |     |     |     |    |     |     |     |     |    |      |   |
|------|-----|-----|-------|------|-----|-----|-----|-------|------|----|-------|-------|-------|-------|-------|----|-----|-----|-----|-----|----|-----|-----|-----|-----|----|------|---|
| %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=192, colour difference pairs RS\_ER192, xchart3=0, xchart4=0 %

Minimum, maximum and average colour difference value

STRESS constant F and STRESS value S

iai+1 = 192, d\_CIELABmina = 1.38, d\_CIELABmaxa = 94.6, d\_CIELABavea = 16.71

iai+1 = 192, CIELAB\_Fa = 4.1, CIELAB\_STRESSa = 31.53

  

iai+1 = 192, d\_CIELCHmina = 1.37, d\_CIELCHmaxa = 92.92, d\_CIELCHavea = 16.25

iai+1 = 192, CIELCHFa = 4.0, CIELCHSTRESSa = 30.68

  

iai+1 = 192, d\_C94LCHmina = 1.35, d\_C94LCHmaxa = 89.97, d\_C94LCHavea = 11.06

iai+1 = 192, C94LCHFa = 2.83, C94LCHSTRESSa = 46.17

  

iai+1 = 192, d\_CMCLCHmina = 1.24, d\_CMCLCHmaxa = 52.15, d\_CMCLCHavea = 10.98

iai+1 = 192, CMCLCHFa = 2.51, CMCLCHSTRESSa = 32.15

  

iai+1 = 192, d\_C00LCHmina = 1.34, d\_C00LCHmaxa = 46.93, d\_C00LCHavea = 9.13

iai+1 = 192, C00LCHFa = 2.05, C00LCHSTRESSa = 34.66

  

iai+1 = 192, d\_C85LCHmina = 7.4, d\_C85LCHmaxa = 403.71, d\_C85LCHavea = 63.63

iai+1 = 192, C85LCHFa = 14.78, C85LCHSTRESSa = 44.1