



| %XS | YS | ZS | X0 | Y0 | Z0 | X1 | Y1 | Z1 | DV | dE*ab | dE*CH | dE*94 | dE*CM | dE*00 | dE*85 | no. | Code | L* | a* | b* | % | |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|-------|-------|-------|-------|-------|----------|------------|------|----|----|---|--|
| %CIEXYZ*1000 data for iim=310 colours, CIE data XYZ0 and XYZ1 for delta E*ab=delta E*CIELAB=CIELCH=1, and visual DV=1 expected for this formula % | | | | | | | | | | | | | | | | | | | | | | |
| YS00 | Y000 | Y100 | YD00 | L000 | L100 | LD00 | A000 | A100 | AD00 | B000 | B100 | BD00 | A00M | A10M | AD0M | B00M | B10M | BD0M | | | | |
| 0095040 | 0100000 | 0108880 | 0001070 | 0001126 | 0001226 | 0001072 | 0001128 | 0001007 | 0001000 | 02850 | 02851 | 02849 | 04464 | 02678 | 00974 | 18140210 | (10009_BY) | 10 | 0 | 0 | % | |
| 100000 | 1126 | 1128 | 1 | 21835 | 21851 | 15 | 950 | 950 | 0 | -435 | -357 | 78 | 1070 | 1072 | 1 | -490 | -402 | 87 | | | | |
| 0095040 | 0100000 | 0108880 | 0001813 | 0001908 | 0002078 | 0001816 | 0001910 | 0001817 | 0001000 | 02347 | 02347 | 02346 | 03676 | 02229 | 00984 | 18140211 | (15009_BY) | 15 | 0 | 0 | % | |
| 100000 | 1908 | 1910 | 1 | 26840 | 26850 | 9 | 950 | 950 | 0 | -435 | -380 | 55 | 1813 | 1816 | 3 | -831 | -726 | 104 | | | | |
| 0095040 | 0100000 | 0108880 | 0002840 | 0002989 | 0003254 | 0002842 | 0002991 | 0002935 | 0001000 | 02107 | 02108 | 02107 | 03301 | 02012 | 00988 | 18140212 | (20009_BY) | 20 | 0 | 0 | % | |
| 100000 | 2989 | 2991 | 2 | 31274 | 31280 | 5 | 950 | 950 | 0 | -435 | -392 | 42 | 2840 | 2842 | 2 | -1301 | -1174 | 127 | | | | |
| 0095040 | 0100000 | 0108880 | 0004196 | 0004415 | 0004807 | 0004198 | 0004417 | 0004411 | 0001000 | 02004 | 02004 | 02003 | 03138 | 01917 | 00991 | 18140213 | (25002_BY) | 25 | 0 | 0 | % | |
| 100000 | 4415 | 4417 | 1 | 35213 | 35217 | 3 | 950 | 950 | 0 | -435 | -399 | 36 | 4196 | 4198 | 2 | -1922 | -1764 | 158 | | | | |
| 0095040 | 0100000 | 0108880 | 0005926 | 0006235 | 0006789 | 0005928 | 0006237 | 0006295 | 0001000 | 01979 | 01979 | 01978 | 03099 | 01894 | 00992 | 18140214 | (30002_BY) | 30 | 0 | 0 | % | |
| 100000 | 6235 | 6237 | 2 | 38746 | 38749 | 2 | 950 | 950 | 0 | -435 | -403 | 31 | 5926 | 5928 | 2 | -2715 | -2518 | 197 | | | | |
| 0095040 | 0100000 | 0108880 | 0008076 | 0008498 | 0009253 | 0008078 | 0008500 | 0008636 | 0001000 | 02002 | 02002 | 02001 | 03135 | 01915 | 00992 | 18140215 | (35002_BY) | 35 | 0 | 0 | % | |
| 100000 | 8498 | 8500 | 1 | 41943 | 41944 | 1 | 950 | 950 | 0 | -435 | -406 | 29 | 8076 | 8078 | 1 | -3701 | -3454 | 246 | | | | |
| 0095040 | 0100000 | 0108880 | 0010692 | 0011250 | 0012250 | 0010694 | 0011253 | 0011485 | 0001000 | 02056 | 02056 | 02055 | 03220 | 01965 | 00993 | 18140216 | (40002_BY) | 40 | 0 | 0 | % | |
| 100000 | 11250 | 11253 | 2 | 44855 | 44857 | 1 | 950 | 950 | 0 | -435 | -408 | 27 | 10692 | 10694 | 1 | -4900 | -4594 | 305 | | | | |
| 0095040 | 0100000 | 0108880 | 0013820 | 0014541 | 0015833 | 0013822 | 0014543 | 0014891 | 0001000 | 02132 | 02132 | 02131 | 03339 | 02034 | 00993 | 18140217 | (45002_BY) | 45 | 0 | 0 | % | |
| 100000 | 14541 | 14543 | 1 | 47529 | 47530 | 0 | 950 | 950 | 0 | -435 | -409 | 25 | 13820 | 13822 | 1 | -6333 | -5956 | 376 | | | | |
| 0095040 | 0100000 | 0108880 | 0017505 | 0018418 | 0020054 | 0017507 | 0018420 | 0018903 | 0001000 | 02223 | 02223 | 02222 | 03481 | 02117 | 00993 | 18140218 | (50002_BY) | 50 | 0 | 0 | % | |
| 100000 | 18418 | 18420 | 1 | 50000 | 50000 | 0 | 950 | 950 | 0 | -435 | -410 | 25 | 17505 | 17507 | 1 | -8021 | -7561 | 460 | | | | |
| 0095040 | 0100000 | 0108880 | 0021792 | 0022929 | 0024966 | 0021794 | 0022932 | 0023572 | 0001000 | 02325 | 02325 | 02324 | 03640 | 02209 | 00993 | 18140219 | (55002_BY) | 55 | 0 | 0 | % | |
| 100000 | 22929 | 22932 | 3 | 52294 | 52294 | 0 | 950 | 950 | 0 | -435 | -411 | 24 | 21792 | 21794 | 1 | -9986 | -9428 | 557 | | | | |
| 0095040 | 0100000 | 0108880 | 0026728 | 0028123 | 0030620 | 0026730 | 0028125 | 0028947 | 0001000 | 02434 | 02435 | 02433 | 03812 | 02308 | 00993 | 18140220 | (60002_BY) | 60 | 0 | 0 | % | |
| 100000 | 28123 | 28125 | 2 | 54435 | 54434 | 0 | 950 | 950 | 0 | -435 | -411 | 23 | 26728 | 26730 | 2 | -12248 | -11578 | 669 | | | | |
| 0095040 | 0100000 | 0108880 | 0032358 | 0034047 | 0037070 | 0032360 | 0034049 | 0035078 | 0001000 | 02551 | 02551 | 02549 | 03994 | 02412 | 00992 | 18140221 | (65002_BY) | 65 | 0 | 0 | % | |
| 100000 | 34047 | 34049 | 1 | 56442 | 56441 | 0 | 950 | 950 | 0 | -435 | -412 | 23 | 32358 | 32360 | 1 | -14828 | -14031 | 796 | | | | |
| 0095040 | 0100000 | 0108880 | 0038728 | 0040749 | 0044367 | 0038730 | 0040752 | 0042014 | 0001000 | 02671 | 02672 | 02670 | 04183 | 02520 | 00992 | 18140222 | (70002_BY) | 70 | 0 | 0 | % | |
| 100000 | 40749 | 40752 | 3 | 58330 | 58330 | 0 | 950 | 950 | 0 | -435 | -412 | 23 | 38728 | 38730 | 2 | -17746 | -16805 | 941 | | | | |
| 0095040 | 0100000 | 0108880 | 0045883 | 0048278 | 0052565 | 0045886 | 0048280 | 0049806 | 0001000 | 02796 | 02796 | 02795 | 04379 | 02631 | 00992 | 18140223 | (75002_BY) | 75 | 0 | 0 | % | |
| 100000 | 48278 | 48280 | 1 | 60113 | 60112 | 0 | 950 | 950 | 0 | -435 | -412 | 22 | 45883 | 45886 | 2 | -21026 | -19922 | 1103 | | | | |
| 0095040 | 0100000 | 0108880 | 0053869 | 0056681 | 0061714 | 0053872 | 0056684 | 0058503 | 0001000 | 02924 | 02924 | 02922 | 04578 | 02743 | 00992 | 18140224 | (80002_BY) | 80 | 0 | 0 | % | |
| 100000 | 56681 | 56684 | 2 | 61802 | 61801 | 0 | 950 | 950 | 0 | -435 | -412 | 22 | 53869 | 53872 | 2 | -24685 | -23401 | 1284 | | | | |
| 0095040 | 0100000 | 0108880 | 0062733 | 0066007 | 0071868 | 0062736 | 0066010 | 0068155 | 0001000 | 03054 | 03054 | 03052 | 04782 | 02857 | 00992 | 18140225 | (85002_BY) | 85 | 0 | 0 | % | |
| 100000 | 66007 | 66010 | 2 | 63405 | 63404 | 0 | 950 | 950 | 0 | -435 | -412 | 22 | 62733 | 62736 | 3 | -28747 | -27262 | 1485 | | | | |
| 0095040 | 0100000 | 0108880 | 0072518 | 0076303 | 0083079 | 0072521 | 0076306 | 0078812 | 0001000 | 03186 | 03186 | 03184 | 04989 | 02973 | 00992 | 18140226 | (90002_BY) | 90 | 0 | 0 | % | |
| 100000 | 76303 | 76306 | 3 | 64932 | 64931 | 1 | 950 | 950 | 0 | -435 | -413 | 22 | 72518 | 72521 | 2 | -33231 | -31524 | 1706 | | | | |
| 0095040 | 0100000 | 0108880 | 0083272 | 0087618 | 0095398 | 0083275 | 0087621 | 0090523 | 0001000 | 03319 | 03319 | 03318 | 05198 | 03089 | 00992 | 18140313 | (95002_BY) | 95 | 0 | 0 | % | |
| 100000 | 87618 | 87621 | 2 | 66388 | 66387 | 1 | 950 | 950 | 0 | -435 | -413 | 22 | 83272 | 83275 | 2 | -38159 | -36209 | 1949 | | | | |
| 0095040 | 0100000 | 0108880 | 0095040 | 0100000 | 0108880 | 0095043 | 0100003 | 0103337 | 0001000 | 03454 | 03454 | 03453 | 05409 | 03205 | 00992 | 18140314 | (99002_BY) | 100 | 0 | 0 | % | |
| 100000 | 100000 | 100003 | 2 | 67781 | 67780 | 1 | 950 | 950 | 0 | -435 | -413 | 22 | 95040 | 95043 | 3 | -43552 | -41334 | 2217 | | | | |

pchartl=1

| %XS | YS | ZS | X0 | Y0 | Z0 | X1 | Y1 | Z1 | DV | dE*ab | dE*CH | dE*94 | dE*CM | dE*00 | dE*85 | no. | Code | L* | a* | b* | % |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|-------|-------|-------|-------|-------|----------|------------|------|----|----|---|
| %CIEXYZ*1000 data for iim=310 colours, CIE data XYZ0 and XYZ1 for delta E*ab=delta E*CIELAB=CIELCH=1, and visual DV=1 expected for this formula % | | | | | | | | | | | | | | | | | | | | | |
| YS00 | Y000 | Y100 | YD00 | L000 | L100 | LD00 | A000 | A100 | AD00 | B000 | B100 | BD00 | A00M | A10M | AD0M | B00M | B10M | BD0M | | | |
| 0095040 | 0100000 | 0108880 | 0001070 | 0001126 | 0001226 | 0001071 | 0001127 | 0001146 | 0001000 | 00994 | 00994 | 00994 | 01557 | 00972 | 00363 | 18140210 | (10009_BY) | 10 | 0 | 0 | % |
| 100000 | 1126 | 1127 | 1 | 9999 | 10007 | 7 | 950 | 950 | 0 | -435 | -406 | 28 | 1070 | 1071 | 1 | -490 | -458 | 32 | | | |
| 0095040 | 0100000 | 0108880 | 0001813 | 0001908 | 0002078 | 0001814 | 0001909 | 0001964 | 0001000 | 00996 | 00997 | 00997 | 01562 | 00975 | 00435 | 18140211 | (15009_BY) | 15 | 0 | 0 | % |
| 100000 | 1908 | 1909 | 0 | 14996 | 15002 | 5 | 950 | 950 | 0 | -435 | -411 | 24 | 1813 | 1814 | 1 | -831 | -785 | 45 | | | |
| 0095040 | 0100000 | 0108880 | 0002840 | 0002989 | 0003254 | 0002841 | 0002990 | 0003100 | 0001000 | 00998 | 00998 | 00998 | 01563 | 00976 | 00482 | 18140212 | (20009_BY) | 20 | 0 | 0 | % |
| 100000 | 2989 | 2990 | 1 | 19999 | 20003 | 4 | 950 | 950 | 0 | -435 | -414 | 20 | 2840 | 2841 | 0 | -1301 | -1240 | 61 | | | |
| 0095040 | 0100000 | 0108880 | 0004196 | 0004415 | 0004807 | 0004197 | 0004416 | 0004607 | 0001000 | 00998 | 00998 | 00998 | 01564 | 00976 | 00505 | 18140213 | (25002_BY) | 25 | 0 | 0 | % |
| 100000 | 4415 | 4416 | 0 | 24998 | 25001 | 3 | 950 | 950 | 0 | -435 | -417 | 18 | 4196 | 4197 | 0 | -1922 | -1842 | 80 | | | |
| 0095040 | 0100000 | 0108880 | 0005926 | 0006235 | 0006789 | 0005927 | 0006236 | 0006537 | 0001000 | 00999 | 00999 | 00998 | 01564 | 00977 | 00511 | 18140214 | (30002_BY) | 30 | 0 | 0 | % |
| 100000 | 6235 | 6236 | 0 | 29997 | 30000 | 2 | 950 | 950 | 0 | -435 | -419 | 16 | 5926 | 5927 | 0 | -2715 | -2614 | 100 | | | |
| 0095040 | 0100000 | 0108880 | 0008076 | 0008498 | 0009253 | 0008077 | 0008499 | 0008941 | 0001000 | 00999 | 00999 | 00999 | 01565 | 00977 | 00504 | 18140215 | (35002_BY) | 35 | 0 | 0 | % |
| 100000 | 8498 | 8499 | 1 | 34999 | 35001 | 1 | 950 | 950 | 0 | -435 | -420 | 14 | 8076 | 8077 | 1 | -3701 | -3576 | 124 | | | |
| 0095040 | 0100000 | 0108880 | 0010692 | 0011250 | 0012250 | 0010693 | 0011251 | 0011874 | 0001000 | 00999 | 00999 | 00999 | 01565 | 00977 | 00491 | 18140216 | (40002_BY) | 40 | 0 | 0 | % |
| 100000 | 11250 | 11251 | 0 | 39998 | 40000 | 1 | 950 | 950 | 0 | -435 | -422 | 13 | 10692 | 10693 | 1 | -4900 | -4749 | 150 | | | |
| 0095040 | 0100000 | 0108880 | 0013820 | 0014541 | 0015833 | 0013821 | 0014542 | 0015386 | 0001000 | 00999 | 00999 | 00999 | 01565 | 00977 | 00473 | 18140217 | (45002_BY) | 45 | 0 | 0 | % |
| 100000 | 14541 | 14542 | 1 | 44999 | 45000 | 1 | 950 | 950 | 0 | -435 | -423 | 12 | 13820 | 13821 | 1 | -6333 | -6154 | 178 | | | |
| 0095040 | 0100000 | 0108880 | 0017505 | 0018418 | 0020054 | 0017506 | 0018419 | 0019531 | 0001000 | 00999 | 00999 | 00999 | 01565 | 00977 | 00454 | 18140218 | (50002_BY) | 50 | 0 | 0 | % |
| 100000 | 18418 | 18419 | 0 | 49999 | 50000 | 1 | 950 | 950 | 0 | -435 | -424 | 11 | 17505 | 17506 | 0 | -8021 | -7812 | 209 | | | |
| 0095040 | 0100000 | 0108880 | 0021792 | 0022929 | 0024966 | 0021793 | 0022930 | 0024360 | 0001000 | 00999 | 00999 | 00999 | 01565 | 00977 | 00434 | 18140219 | (55002_BY) | 55 | 0 | 0 | % |
| 100000 | 22929 | 22930 | 0 | 54999 | 55000 | 1 | 950 | 950 | 0 | -435 | -424 | 10 | 21792 | 21793 | 0 | -9986 | -9744 | 242 | | | |
| 0095040 | 0100000 | 0108880 | 0026728 | 0028123 | 0030620 | 0026729 | 0028124 | 0029925 | 0001000 | 00999 | 00999 | 00999 | 01565 | 00977 | 00415 | 18140220 | (60002_BY) | 60 | 0 | 0 | % |
| 100000 | 28123 | 28124 | 0 | 59999 | 60000 | 0 | 950 | 950 | 0 | -435 | -425 | 9 | 26728 | 26729 | 1 | -12248 | -11970 | 277 | | | |
| 0095040 | 0100000 | 0108880 | 0032358 | 0034047 | 0037070 | 0032359 | 0034048 | 0036280 | 0001000 | 00999 | 00999 | 00999 | 01565 | 00977 | 00396 | 18140221 | (65002_BY) | 65 | 0 | 0 | % |
| 100000 | 34047 | 34048 | 0 | 64999 | 65000 | 0 | 950 | 950 | 0 | -435 | -426 | 9 | 32358 | 32359 | 0 | -14828 | -14512 | 315 | | | |
| 0095040 | 0100000 | 0108880 | 0038728 | 0040749 | 0044367 | 0038729 | 0040750 | 0043477 | 0001000 | 00999 | 01000 | 00999 | 01565 | 00977 | 00378 | 18140222 | (70002_BY) | 70 | 0 | 0 | % |
| 100000 | 40749 | 40750 | 1 | 69999 | 70000 | 0 | 950 | 950 | 0 | -435 | -426 | 8 | 38728 | 38729 | 0 | -17746 | -17390 | 356 | | | |
| 0095040 | 0100000 | 0108880 | 0045883 | 0048278 | 0052565 | 0045884 | 0048279 | 0051567 | 0001000 | 00999 | 01000 | 00999 | 01565 | 00977 | 00361 | 18140223 | (75002_BY) | 75 | 0 | 0 | % |
| 100000 | 48278 | 48279 | 0 | 74999 | 75000 | 0 | 950 | 950 | 0 | -435 | -427 | 8 | 45883 | 45884 | 0 | -21026 | -20626 | 399 | | | |
| 0095040 | 0100000 | 0108880 | 0053869 | 0056681 | 0061714 | 0053870 | 0056682 | 0060603 | 0001000 | 00999 | 01000 | 00999 | 01565 | 00977 | 00345 | 18140224 | (80002_BY) | 80 | 0 | 0 | % |
| 100000 | 56681 | 56682 | 0 | 79999 | 80000 | 0 | 950 | 950 | 0 | -435 | -427 | 7 | 53869 | 53870 | 0 | -24685 | -24241 | 444 | | | |
| 0095040 | 0100000 | 0108880 | 0062733 | 0066007 | 0071868 | 0062734 | 0066008 | 0070638 | 0001000 | 00999 | 01000 | 00999 | 01565 | 00977 | 00331 | 18140225 | (85002_BY) | 85 | 0 | 0 | % |
| 100000 | 66007 | 66008 | 0 | 84999 | 85000 | 0 | 950 | 950 | 0 | -435 | -428 | 7 | 62733 | 62734 | 0 | -28747 | -28255 | 492 | | | |
| 0095040 | 0100000 | 0108880 | 0072518 | 0076303 | 0083079 | 0072519 | 0076304 | 0081723 | 0001000 | 00999 | 01000 | 00999 | 01565 | 00977 | 00317 | 18140226 | (90002_BY) | 90 | 0 | 0 | % |
| 100000 | 76303 | 76304 | 0 | 89999 | 90000 | 0 | 950 | 950 | 0 | -435 | -428 | 7 | 72518 | 72519 | 0 | -33231 | -32689 | 542 | | | |
| 0095040 | 0100000 | 0108880 | 0083272 | 0087618 | 0095398 | 0083273 | 0087619 | 0093912 | 0001000 | 00999 | 01000 | 00999 | 01565 | 00977 | 00304 | 18140313 | (95002_BY) | 95 | 0 | 0 | % |
| 100000 | 87618 | 87619 | 0 | 94999 | 95000 | 0 | 950 | 950 | 0 | -435 | -428 | 6 | 83272 | 83273 | 0 | -38159 | -37564 | 594 | | | |
| 0095040 | 0100000 | 0108880 | 0095040 | 0100000 | 0108880 | 0095041 | 0100001 | 0107255 | 0001000 | 00999 | 01000 | 00999 | 01565 | 00977 | 00293 | 18140314 | (99002_BY) | 100 | 0 | 0 | % |
| 100000 | 100000 | 100001 | 0 | 100000 | 100000 | 0 | 950 | 950 | 0 | -435 | -429 | 6 | 95040 | 95041 | 1 | -43552 | -42902 | 650 | | | |

pchartl=2

| %XS | YS | ZS | X0 | Y0 | Z0 | X1 | Y1 | Z1 | DV | dE*ab | dE*CH | dE*94 | dE*CM | dE*00 | dE*85 | no. | Code | L* | a* | b* | % | |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|-------|-------|-------|-------|-------|----------|------------|------|----|----|---|--|
| %CIEXYZ*1000 data for iim=310 colours, CIE data XYZ0 and XYZ1 for delta E*ab=delta E*CIELAB=CIELCH=1, and visual DV=1 expected for this formula % | | | | | | | | | | | | | | | | | | | | | | |
| YS00 | Y000 | Y100 | YD00 | L000 | L100 | LD00 | A000 | A100 | AD00 | B000 | B100 | BD00 | A00M | A10M | AD0M | B00M | B10M | BD0M | | | | |
| 0095040 | 0100000 | 0108880 | 0001070 | 0001126 | 0001226 | 0001071 | 0001127 | 0001144 | 0001000 | 01022 | 01023 | 01022 | 01602 | 00999 | 00373 | 18140210 | (10009_BY) | 10 | 0 | 0 | % | |
| 100000 | 1126 | 1127 | 1 | 6264 | 6269 | 4 | 950 | 950 | 0 | -435 | -406 | 29 | 1070 | 1071 | 1 | -490 | -457 | 32 | | | | |
| 0095040 | 0100000 | 0108880 | 0001813 | 0001908 | 0002078 | 0001814 | 0001909 | 0001961 | 0001000 | 01022 | 01023 | 01023 | 01602 | 00999 | 00446 | 18140211 | (15009_BY) | 15 | 0 | 0 | % | |
| 100000 | 1908 | 1909 | 0 | 9861 | 9864 | 3 | 950 | 950 | 0 | -435 | -410 | 24 | 1813 | 1814 | 1 | -831 | -784 | 46 | | | | |
| 0095040 | 0100000 | 0108880 | 0002840 | 0002989 | 0003254 | 0002841 | 0002990 | 0003096 | 0001000 | 01022 | 01023 | 01022 | 01602 | 00999 | 00493 | 18140212 | (20009_BY) | 20 | 0 | 0 | % | |
| 100000 | 2989 | 2990 | 1 | 13840 | 13842 | 2 | 950 | 950 | 0 | -435 | -414 | 21 | 2840 | 2841 | 0 | -1301 | -1238 | 63 | | | | |
| 0095040 | 0100000 | 0108880 | 0004196 | 0004415 | 0004807 | 0004197 | 0004416 | 0004602 | 0001000 | 01022 | 01022 | 01022 | 01601 | 00999 | 00517 | 18140213 | (25002_BY) | 25 | 0 | 0 | % | |
| 100000 | 4415 | 4416 | 0 | 18258 | 18260 | 2 | 950 | 950 | 0 | -435 | -416 | 18 | 4196 | 4197 | 0 | -1922 | -1840 | 82 | | | | |
| 0095040 | 0100000 | 0108880 | 0005926 | 0006235 | 0006789 | 0005927 | 0006236 | 0006531 | 0001000 | 01022 | 01022 | 01022 | 01601 | 00999 | 00522 | 18140214 | (30002_BY) | 30 | 0 | 0 | % | |
| 100000 | 6235 | 6236 | 0 | 23203 | 23205 | 1 | 950 | 950 | 0 | -435 | -418 | 16 | 5926 | 5927 | 0 | -2715 | -2612 | 103 | | | | |
| 0095040 | 0100000 | 0108880 | 0008076 | 0008498 | 0009253 | 0008077 | 0008499 | 0008934 | 0001000 | 01022 | 01022 | 01022 | 01601 | 00999 | 00516 | 18140215 | (35002_BY) | 35 | 0 | 0 | % | |
| 100000 | 8498 | 8499 | 1 | 28791 | 28792 | 1 | 950 | 950 | 0 | -435 | -420 | 15 | 8076 | 8077 | 1 | -3701 | -3573 | 127 | | | | |
| 0095040 | 0100000 | 0108880 | 0010692 | 0011250 | 0012250 | 0010693 | 0011251 | 0011865 | 0001000 | 01022 | 01022 | 01022 | 01601 | 00999 | 00502 | 18140216 | (40002_BY) | 40 | 0 | 0 | % | |
| 100000 | 11250 | 11251 | 0 | 35180 | 35182 | 1 | 950 | 950 | 0 | -435 | -421 | 13 | 10692 | 10693 | 1 | -4900 | -4746 | 153 | | | | |
| 0095040 | 0100000 | 0108880 | 0013820 | 0014541 | 0015833 | 0013821 | 0014542 | 0015376 | 0001000 | 01022 | 01022 | 01022 | 01601 | 00999 | 00484 | 18140217 | (45002_BY) | 45 | 0 | 0 | % | |
| 100000 | 14541 | 14542 | 1 | 42616 | 42617 | 1 | 950 | 950 | 0 | -435 | -422 | 12 | 13820 | 13821 | 1 | -6333 | -6150 | 182 | | | | |
| 0095040 | 0100000 | 0108880 | 0017505 | 0018418 | 0020054 | 0017506 | 0018419 | 0019519 | 0001000 | 01022 | 01022 | 01022 | 01601 | 00999 | 00464 | 18140218 | (50002_BY) | 50 | 0 | 0 | % | |
| 100000 | 18418 | 18419 | 0 | 49999 | 50000 | 1 | 950 | 950 | 0 | -435 | -423 | 11 | 17505 | 17506 | 0 | -8021 | -7807 | 213 | | | | |
| 0095040 | 0100000 | 0108880 | 0021792 | 0022929 | 0024966 | 0021793 | 0022930 | 0024346 | 0001000 | 01022 | 01022 | 01022 | 01601 | 00999 | 00444 | 18140219 | (55002_BY) | 55 | 0 | 0 | % | |
| 100000 | 22929 | 22930 | 0 | 52087 | 52088 | 0 | 950 | 950 | 0 | -435 | -424 | 10 | 21792 | 21793 | 0 | -9986 | -9738 | 248 | | | | |
| 0095040 | 0100000 | 0108880 | 0026728 | 0028123 | 0030620 | 0026729 | 0028124 | 0029910 | 0001000 | 01022 | 01022 | 01022 | 01601 | 00999 | 00424 | 18140220 | (60002_BY) | 60 | 0 | 0 | % | |
| 100000 | 28123 | 28124 | 0 | 52773 | 52774 | 0 | 950 | 950 | 0 | -435 | -425 | 10 | 26728 | 26729 | 1 | -12248 | -11964 | 283 | | | | |
| 0095040 | 0100000 | 0108880 | 0032358 | 0034047 | 0037070 | 0032359 | 0034048 | 0036263 | 0001000 | 01022 | 01022 | 01022 | 01601 | 00999 | 00405 | 18140221 | (65002_BY) | 65 | 0 | 0 | % | |
| 100000 | 34047 | 34048 | 0 | 53470 | 53470 | 0 | 950 | 950 | 0 | -435 | -426 | 9 | 32358 | 32359 | 0 | -14828 | -14505 | 322 | | | | |
| 0095040 | 0100000 | 0108880 | 0038728 | 0040749 | 0044367 | 0038729 | 0040750 | 0043457 | 0001000 | 01022 | 01022 | 01022 | 01601 | 00999 | 00386 | 18140222 | (70002_BY) | 70 | 0 | 0 | % | |
| 100000 | 40749 | 40750 | 1 | 54147 | 54147 | 0 | 950 | 950 | 0 | -435 | -426 | 8 | 38728 | 38729 | 0 | -17746 | -17382 | 364 | | | | |
| 0095040 | 0100000 | 0108880 | 0045883 | 0048278 | 0052565 | 0045884 | 0048279 | 0051545 | 0001000 | 01022 | 01022 | 01022 | 01601 | 00999 | 00369 | 18140223 | (75002_BY) | 75 | 0 | 0 | % | |
| 100000 | 48278 | 48279 | 0 | 54778 | 54779 | 0 | 950 | 950 | 0 | -435 | -427 | 8 | 45883 | 45884 | 0 | -21026 | -20618 | 407 | | | | |
| 0095040 | 0100000 | 0108880 | 0053869 | 0056681 | 0061714 | 0053870 | 0056682 | 0060578 | 0001000 | 01022 | 01022 | 01022 | 01601 | 00999 | 00353 | 18140224 | (80002_BY) | 80 | 0 | 0 | % | |
| 100000 | 56681 | 56682 | 0 | 55360 | 55360 | 0 | 950 | 950 | 0 | -435 | -427 | 8 | 53869 | 53870 | 0 | -24685 | -24231 | 454 | | | | |
| 0095040 | 0100000 | 0108880 | 0062733 | 0066007 | 0071868 | 0062734 | 0066008 | 0070610 | 0001000 | 01022 | 01022 | 01022 | 01601 | 00999 | 00338 | 18140225 | (85002_BY) | 85 | 0 | 0 | % | |
| 100000 | 66007 | 66008 | 0 | 55892 | 55893 | 0 | 950 | 950 | 0 | -435 | -427 | 7 | 62733 | 62734 | 0 | -28747 | -28244 | 503 | | | | |
| 0095040 | 0100000 | 0108880 | 0072518 | 0076303 | 0083079 | 0072519 | 0076304 | 0081693 | 0001000 | 01022 | 01022 | 01022 | 01601 | 00999 | 00324 | 18140226 | (90002_BY) | 90 | 0 | 0 | % | |
| 100000 | 76303 | 76304 | 0 | 56380 | 56381 | 0 | 950 | 950 | 0 | -435 | -428 | 7 | 72518 | 72519 | 0 | -33231 | -32677 | 554 | | | | |
| 0095040 | 0100000 | 0108880 | 0083272 | 0087618 | 0095398 | 0083273 | 0087619 | 0093878 | 0001000 | 01022 | 01022 | 01022 | 01601 | 00999 | 00311 | 18140313 | (95002_BY) | 95 | 0 | 0 | % | |
| 100000 | 87618 | 87619 | 0 | 56828 | 56828 | 0 | 950 | 950 | 0 | -435 | -428 | 6 | 83272 | 83273 | 0 | -38159 | -37551 | 607 | | | | |
| 0095040 | 0100000 | 0108880 | 0095040 | 0100000 | 0108880 | 0095041 | 0100001 | 0107219 | 0001000 | 01022 | 01022 | 01022 | 01601 | 00999 | 00299 | 18140314 | (99002_BY) | 100 | 0 | 0 | % | |
| 100000 | 100000 | 100001 | 0 | 57240 | 57240 | 0 | 950 | 950 | 0 | -435 | -428 | 6 | 95040 | 95041 | 1 | -43552 | -42887 | 664 | | | | |

pchartl=3

| %XS | YS | ZS | X0 | Y0 | Z0 | X1 | Y1 | Z1 | DV | dE*ab | dE*CH | dE*94 | dE*CM | dE*00 | dE*85 | no. | Code | L* | a* | b* | % |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|-------|-------|--------|--------|-------|----------|------------|------|----|----|---|
| %CIEXYZ*1000 data for iim=310 colours, CIE data XYZ0 and XYZ1 for delta_E*ab=delta_E*CIELAB=CIEFCH=1, and visual DV=1 expected for this formula % | | | | | | | | | | | | | | | | | | | | | |
| YS00 | Y000 | Y100 | YD00 | L000 | L100 | LD00 | A000 | A100 | AD00 | B000 | B100 | BD00 | A00M | A10M | AD0M | B00M | B10M | BD0M | | | |
| 0095189 | 0100000 | 0044159 | 0188650 | 0197480 | 0086027 | 0188562 | 0197520 | 0087870 | 0001000 | 01760 | 01760 | 01720 | 02490 | 01720 | 01703 | 21000055 | (QPN_BY60) | 129 | 0 | 0 | % |
| 100000 | 197480 | 197520 | 39 | 129534 | 129544 | 9 | 955 | 954 | 0 | -174 | -177 | 3 | 188650 | 188562 | 87 | -34410 | -35148 | 737 | | | |
| 0095189 | 0100000 | 0044159 | 0188650 | 0197480 | 0086027 | 0188562 | 0197520 | 0087870 | 0001000 | 01760 | 01760 | 01720 | 02490 | 01720 | 01703 | 21000055 | (QPN_BY60) | 129 | 0 | 0 | % |
| 100000 | 197480 | 197520 | 39 | 129534 | 129544 | 9 | 955 | 954 | 0 | -174 | -177 | 3 | 188650 | 188562 | 87 | -34410 | -35148 | 737 | | | |
| 0095189 | 0100000 | 0044159 | 0114205 | 0120290 | 0054559 | 0114118 | 0120310 | 0055580 | 0001000 | 01328 | 01328 | 01221 | 01749 | 01197 | 01535 | 21000056 | (QPN_BY60) | 107 | 0 | -2 | % |
| 100000 | 120290 | 120310 | 19 | 107367 | 107374 | 6 | 949 | 948 | 0 | -181 | -184 | 3 | 114205 | 114118 | 86 | -21823 | -22232 | 408 | | | |
| 0095189 | 0100000 | 0044159 | 0070386 | 0074329 | 0034521 | 0070356 | 0074350 | 0035187 | 0001000 | 01165 | 01165 | 01021 | 01403 | 01001 | 01575 | 21000057 | (QPN_BY60) | 89 | 0 | -3 | % |
| 100000 | 74329 | 74350 | 21 | 89077 | 89087 | 9 | 946 | 946 | 0 | -185 | -189 | 3 | 70386 | 70356 | 29 | -13808 | -14074 | 266 | | | |
| 0095189 | 0100000 | 0044159 | 0047148 | 0049805 | 0023261 | 0047124 | 0049815 | 0023707 | 0001000 | 01018 | 01018 | 00895 | 01233 | 00880 | 01547 | 21000058 | (QPN_BY60) | 75 | 0 | -3 | % |
| 100000 | 49805 | 49815 | 9 | 75949 | 75955 | 6 | 946 | 945 | 0 | -186 | -190 | 3 | 47148 | 47124 | 24 | -9304 | -9482 | 178 | | | |
| 0095189 | 0100000 | 0044159 | 0032628 | 0034395 | 0015895 | 0032614 | 0034405 | 0016244 | 0001000 | 01024 | 01024 | 00933 | 01325 | 00916 | 01710 | 21000059 | (QPN_BY60) | 65 | 0 | -2 | % |
| 100000 | 34395 | 34405 | 10 | 65274 | 65282 | 7 | 948 | 947 | 0 | -184 | -188 | 4 | 32628 | 32614 | 13 | -6358 | -6497 | 139 | | | |
| 0095189 | 0100000 | 0044159 | 0023511 | 0024665 | 0011285 | 0023504 | 0024675 | 0011537 | 0001000 | 00921 | 00921 | 00863 | 01258 | 00852 | 01660 | 21000060 | (QPN_BY60) | 56 | 0 | -1 | % |
| 100000 | 24665 | 24675 | 10 | 56747 | 56757 | 9 | 953 | 952 | 0 | -183 | -187 | 4 | 23511 | 23504 | 6 | -4514 | -4614 | 100 | | | |
| 0095189 | 0100000 | 0044159 | 0016979 | 0017740 | 0007904 | 0016963 | 0017740 | 0008105 | 0001000 | 00952 | 00952 | 00933 | 01410 | 00931 | 01817 | 21000061 | (QPN_BY60) | 49 | 0 | 0 | % |
| 100000 | 17740 | 17740 | 0 | 49179 | 49179 | 0 | 957 | 956 | 0 | -178 | -182 | 4 | 16979 | 16963 | 15 | -3161 | -3242 | 80 | | | |
| 0095189 | 0100000 | 0044159 | 0012387 | 0012870 | 0005557 | 0012376 | 0012870 | 0005724 | 0001000 | 00999 | 00999 | 00978 | 01427 | 00975 | 01979 | 21000062 | (QPN_BY60) | 42 | 0 | 0 | % |
| 100000 | 12870 | 12870 | 0 | 42566 | 42566 | 0 | 962 | 961 | 0 | -172 | -177 | 5 | 12387 | 12376 | 11 | -2222 | -2289 | 66 | | | |
| 0095189 | 0100000 | 0044159 | 0008903 | 0009190 | 0003800 | 0008892 | 0009190 | 0003942 | 0001000 | 01086 | 01086 | 01009 | 01430 | 01027 | 02170 | 21000063 | (QPN_BY60) | 36 | 1 | 1 | % |
| 100000 | 9190 | 9190 | 0 | 36347 | 36347 | 0 | 968 | 967 | 1 | -165 | -171 | 6 | 8903 | 8892 | 11 | -1520 | -1576 | 56 | | | |
| 0095189 | 0100000 | 0044159 | 0006464 | 0006620 | 0002606 | 0006454 | 0006620 | 0002729 | 0001000 | 01209 | 01209 | 01071 | 01489 | 01099 | 02377 | 21000064 | (QPN_BY60) | 30 | 1 | 2 | % |
| 100000 | 6620 | 6620 | 0 | 30925 | 30925 | 0 | 976 | 974 | 1 | -157 | -164 | 7 | 6464 | 6454 | 9 | -1042 | -1091 | 49 | | | |
| 0095189 | 0100000 | 0044159 | 0004608 | 0004680 | 0001738 | 0004600 | 0004680 | 0001841 | 0001000 | 01317 | 01317 | 01122 | 01545 | 01155 | 02470 | 21000065 | (QPN_BY60) | 25 | 1 | 3 | % |
| 100000 | 4680 | 4680 | 0 | 25802 | 25802 | 0 | 984 | 982 | 1 | -148 | -157 | 8 | 4608 | 4600 | 7 | -695 | -736 | 41 | | | |
| 0095189 | 0100000 | 0044159 | 0004836 | 0005120 | 0002381 | 0004829 | 0005120 | 0002465 | 0001000 | 00886 | 00886 | 00836 | 01225 | 00824 | 01942 | 21000066 | (OPN_BY60) | 27 | 0 | -1 | % |
| 100000 | 5120 | 5120 | 0 | 27073 | 27073 | 0 | 944 | 943 | 1 | -186 | -192 | 6 | 4836 | 4829 | 7 | -952 | -986 | 33 | | | |
| 0095189 | 0100000 | 0044159 | 0002977 | 0003170 | 0001525 | 0002972 | 0003170 | 0001595 | 0001000 | 00972 | 00972 | 00895 | 01280 | 00880 | 02081 | 21000067 | (OPN_BY60) | 20 | 0 | -2 | % |
| 100000 | 3170 | 3170 | 0 | 20712 | 20712 | 0 | 939 | 937 | 1 | -192 | -201 | 8 | 2977 | 2972 | 5 | -610 | -638 | 27 | | | |
| 0095189 | 0100000 | 0044159 | 0001819 | 0001940 | 0000953 | 0001814 | 0001940 | 0001009 | 0001000 | 01086 | 01086 | 00996 | 01421 | 00979 | 02129 | 21000068 | (OPN_BY60) | 15 | 0 | -2 | % |
| 100000 | 1940 | 1940 | 0 | 15169 | 15169 | 0 | 937 | 935 | 2 | -196 | -208 | 11 | 1819 | 1814 | 4 | -381 | -403 | 22 | | | |
| 0095189 | 0100000 | 0044159 | 0001200 | 0001280 | 0000628 | 0001196 | 0001280 | 0000673 | 0001000 | 01137 | 01137 | 01055 | 01522 | 01036 | 01961 | 21000069 | (OPN_BY60) | 11 | 0 | -2 | % |
| 100000 | 1280 | 1280 | 0 | 11134 | 11134 | 0 | 937 | 934 | 3 | -196 | -210 | 14 | 1200 | 1196 | 3 | -251 | -269 | 17 | | | |
| 0095189 | 0100000 | 0044159 | 0001200 | 0001280 | 0000628 | 0001196 | 0001280 | 0000673 | 0001000 | 01137 | 01137 | 01055 | 01522 | 01036 | 01961 | 21000069 | (OPN_BY60) | 11 | 0 | -2 | % |
| 100000 | 1280 | 1280 | 0 | 11134 | 11134 | 0 | 937 | 934 | 3 | -196 | -210 | 14 | 1200 | 1196 | 3 | -251 | -269 | 17 | | | |
| 0095189 | 0100000 | 0044159 | 0001200 | 0001280 | 0000628 | 0001196 | 0001280 | 0000673 | 0001000 | 01137 | 01137 | 01055 | 01522 | 01036 | 01961 | 21000069 | (OPN_BY60) | 11 | 0 | -2 | % |
| 100000 | 1280 | 1280 | 0 | 11134 | 11134 | 0 | 937 | 934 | 3 | -196 | -210 | 14 | 1200 | 1196 | 3 | -251 | -269 | 17 | | | |
| 0095040 | 0100000 | 0108880 | 0017505 | 0018418 | 0020054 | 0017506 | 0018419 | 0019531 | 0001000 | 00999 | 00999 | 00999 | 01565 | 00977 | 00454 | 18140218 | (50002_BY) | 50 | 0 | 0 | % |
| 100000 | 18418 | 18419 | 0 | 49999 | 50000 | 1 | 950 | 950 | 0 | -435 | -424 | 11 | 17505 | 17506 | 0 | -8021 | -7812 | 209 | | | |

pchartl=4