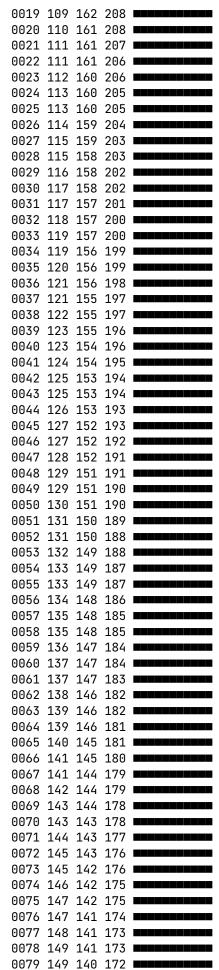
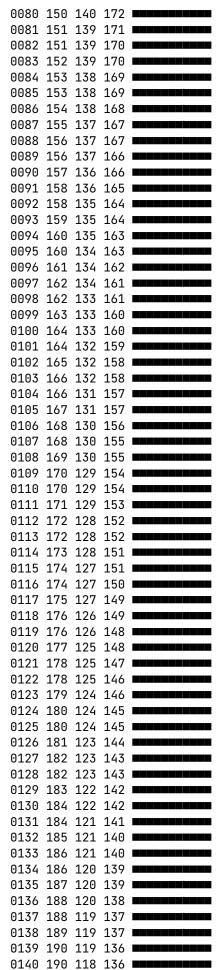
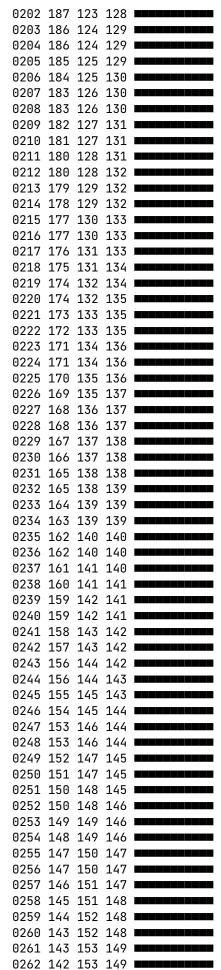
```
File - ColorMapStyle By: r.cfdtools@qmail.com Printed from: PyCharm 2021.3 run log
C:\Python310\python.exe D:/R.GISPython/ColorMapStyle/ColorMapStyle.py
-----
Color ramp style generator
-----
Execution date & time: 2022-01-04 16:00:31.824078
Script compatibility: Python 3
Python version: 3.10.0 (tags/v3.10.0:b494f59, Oct 4 2021, 19:00:18) [MSC v.1929 64 bit (AMD64)]
Python path: ['D:\\R.GISPython\\ColorMapStyle', 'D:\\R.GISPython', 'D:\\R.GISPython.wiki', 'C:\\
Python310\\python310.zip', 'C:\\Python310\\DLLs']
matplotlib version: 3.5.0
Repository: https://github.com/rcfdtools/R.GISPython/tree/main/ColorMapStyle
License and conditions: https://github.com/rcfdtools/R.GISPython/wiki/License
Credits: r.cfdtools@gmail.com
General parameters
-----
Reference style #: 5
Colors: 512
Cuts: 3
Module operator: 2
Colors per cut: 170
Output file: D:/R.GISPython/ColorMapStyle/Output/ColorMapArcGIS512s5.clr
GitHub: https://github.com/rcfdtools/R.GISPython/tree/main/ColorMapStyle/Output/
ColorMapArcGIS512s5.clr
GitHub sample: https://github.com/rcfdtools/R.GISPython/tree/main/ColorMapStyle/Output/
ColorMapArcGIS512s5.png
Reference RGB color values
-----
[97, 169, 220]
[211, 108, 118]
[83, 193, 177]
[254, 205, 130]
```

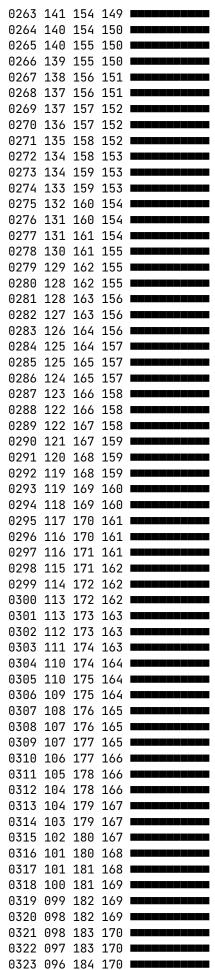
#	R	G	В	Sample
0000	097	169	220	
0001	097	168	219	
0002	098	168	218	
0003	099	167	218	
0004	099	167	217	
0005	100	167	217	
0006	101	166	216	
0007	101	166	215	
0008	102	166	215	
0009	103	165	214	
0010	103	165	214	
0011	104	165	213	
0012	105	164	212	
0013	105	164	212	
0014	106	163	211	
0015	107	163	211	
0016	107	163	210	
0017	108	162	209	
0018	109	162	209	



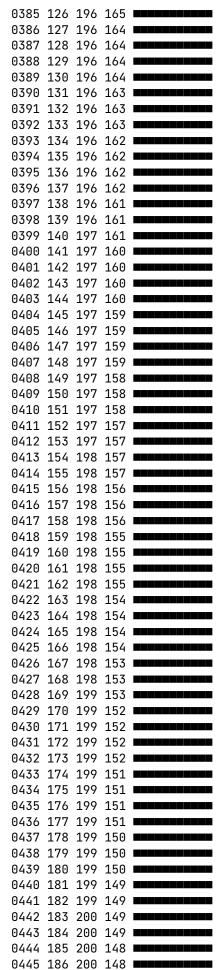


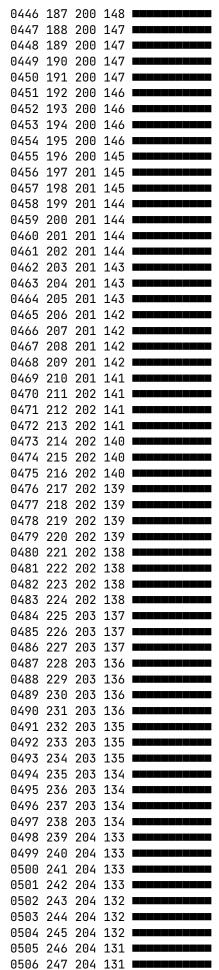
```
0141 191 118 135
0142 192 118 134
0143 192 117 134 ■
0144 193 117 133
0145 194 116 133
0146 194 116 132
0147 195 116 131
0148 196 115 131
0149 196 115 130
0150 197 115 130
0151 198 114 129
0152 198 114 128
0153 199 114 128
0154 200 113 127
0155 200 113 127 ■
0156 201 113 126 |
0157 202 112 125 ==
0158 202 112 125
0159 203 111 124
0160 204 111 124
0161 204 111 123
0162 205 110 122 |
0163 206 110 122 ■
0164 206 110 121
0165 207 109 121
0166 208 109 120
0167 208 109 119
0168 209 108 119
0169 210 108 118
0170 210 108 118
                          ■■ 1 cut
0171 211 108 118
0172 210 108 118
0173 209 109 118
0174 208 109 119
0175 207 110 119
0176 207 110 119 |
0177 206 111 120
0178 205 111 120
0179 204 112 120
0180 204 112 121
0181 203 113 121
0182 202 113 121
0183 201 114 122
0184 201 114 122
0185 200 115 122
0186 199 115 123
0187 198 116 123 ■
0188 198 116 123
0189 197 117 124 ■
0190 196 117 124
0191 195 118 124
0192 195 118 125
0193 194 119 125
0194 193 119 125
0195 192 120 126 ■
0196 192 120 126
0197 191 121 127
0198 190 121 127
0199 189 122 127
0200 189 122 128
0201 188 123 128
```





```
0324 095 184 171
0325 095 185 171
0326 094 185 171 ■
0327 093 186 172
0328 092 186 172 ■
0329 092 187 172
0330 091 187 173
0331 090 188 173
0332 089 188 173 ■
0333 089 189 174
0334 088 189 174
0335 087 190 174
0336 086 190 175
0337 086 191 175
0338 085 191 175 ■
0339 084 192 176
0340 083 192 176
0341 083 193 176
                             2 cut
0342 083 193 177
0343 084 193 176
0344 085 193 176
0345 086 193 176 I
0346 087 193 175 ■
0347 088 193 175
0348 089 193 175
0349 090 193 175
0350 091 193 174
0351 092 193 174
0352 093 193 174
0353 094 193 173
0354 095 193 173
0355 096 193 173
0356 097 193 173
0357 098 194 172
0358 099 194 172
0359 100 194 172 |
0360 101 194 172 ■
0361 102 194 171
0362 103 194 171 ■
0363 104 194 171
0364 105 194 170 ■
0365 106 194 170
0366 107 194 170
0367 108 194 170
0368 109 194 169
0369 110 194 169
0370 111 194 169 ■
0371 112 195 168
0372 113 195 168
0373 114 195 168
0374 115 195 168
0375 116 195 167
0376 117 195 167
0377 118 195 167
0378 119 195 167 ■
0379 120 195 166
0380 121 195 166
0381 122 195 166
0382 123 195 165 |
0383 124 195 165 I
0384 125 195 165
```





Matplotlib color style sample

Python value conversion # pyR pyG pyB 0001 0.383 0.661 0.860 0002 0.386 0.660 0.858 0003 0.388 0.659 0.856 0004 0.391 0.657 0.853 0005 0.394 0.656 0.851 0006 0.396 0.654 0.849 0007 0.399 0.653 0.846 0008 0.401 0.651 0.844 0009 0.404 0.650 0.842 0010 0.407 0.649 0.839 0011 0.409 0.647 0.837 0012 0.412 0.646 0.835 0013 0.415 0.644 0.832 0014 0.417 0.643 0.830 0015 0.420 0.642 0.827 0016 0.422 0.640 0.825 0017 0.425 0.639 0.823 0018 0.428 0.637 0.820 0019 0.430 0.636 0.818 0020 0.433 0.635 0.816 0021 0.436 0.633 0.813 0022 0.438 0.632 0.811 0023 0.441 0.630 0.809 0024 0.444 0.629 0.806 0025 0.446 0.628 0.804 0026 0.449 0.626 0.802 0027 0.451 0.625 0.799 0028 0.454 0.623 0.797 0029 0.457 0.622 0.795 0030 0.459 0.621 0.792 0031 0.462 0.619 0.790 0032 0.465 0.618 0.787 0033 0.467 0.616 0.785 0034 0.470 0.615 0.783 0035 0.472 0.613 0.780 0036 0.475 0.612 0.778 0037 0.478 0.611 0.776 0038 0.480 0.609 0.773 0039 0.483 0.608 0.771 0040 0.486 0.606 0.769 0041 0.488 0.605 0.766 0042 0.491 0.604 0.764 0043 0.493 0.602 0.762 0044 0.496 0.601 0.759 0045 0.499 0.599 0.757 0046 0.501 0.598 0.755 0047 0.504 0.597 0.752

0048 0.507 0.595 0.750

```
0049 0.509 0.594 0.747
0050 0.512 0.592 0.745
0051 0.515 0.591 0.743
0052 0.517 0.590 0.740
0053 0.520 0.588 0.738
0054 0.522 0.587 0.736
0055 0.525 0.585 0.733
0056 0.528 0.584 0.731
0057 0.530 0.583 0.729
0058 0.533 0.581 0.726
0059 0.536 0.580 0.724
0060 0.538 0.578 0.722
0061 0.541 0.577 0.719
0062 0.543 0.576 0.717
0063 0.546 0.574 0.715
0064 0.549 0.573 0.712
0065 0.551 0.571 0.710
0066 0.554 0.570 0.707
0067 0.557 0.568 0.705
0068 0.559 0.567 0.703
0069 0.562 0.566 0.700
0070 0.564 0.564 0.698
0071 0.567 0.563 0.696
0072 0.570 0.561 0.693
0073 0.572 0.560 0.691
0074 0.575 0.559 0.689
0075 0.578 0.557 0.686
0076 0.580 0.556 0.684
0077 0.583 0.554 0.682
0078 0.586 0.553 0.679
0079 0.588 0.552 0.677
0080 0.591 0.550 0.675
0081 0.593 0.549 0.672
0082 0.596 0.547 0.670
0083 0.599 0.546 0.667
0084 0.601 0.545 0.665
0085 0.604 0.543 0.663
0086 0.607 0.542 0.660
0087 0.609 0.540 0.658
0088 0.612 0.539 0.656
0089 0.614 0.538 0.653
0090 0.617 0.536 0.651
0091 0.620 0.535 0.649
0092 0.622 0.533 0.646
0093 0.625 0.532 0.644
0094 0.628 0.530 0.642
0095 0.630 0.529 0.639
0096 0.633 0.528 0.637
0097 0.635 0.526 0.635
0098 0.638 0.525 0.632
0099 0.641 0.523 0.630
0100 0.643 0.522 0.627
0101 0.646 0.521 0.625
0102 0.649 0.519 0.623
0103 0.651 0.518 0.620
0104 0.654 0.516 0.618
0105 0.657 0.515 0.616
0106 0.659 0.514 0.613
0107 0.662 0.512 0.611
0108 0.664 0.511 0.609
0109 0.667 0.509 0.606
```

```
0110 0.670 0.508 0.604
0111 0.672 0.507 0.602
0112 0.675 0.505 0.599
0113 0.678 0.504 0.597
0114 0.680 0.502 0.595
0115 0.683 0.501 0.592
0116 0.685 0.500 0.590
0117 0.688 0.498 0.587
0118 0.691 0.497 0.585
0119 0.693 0.495 0.583
0120 0.696 0.494 0.580
0121 0.699 0.492 0.578
0122 0.701 0.491 0.576
0123 0.704 0.490 0.573
0124 0.706 0.488 0.571
0125 0.709 0.487 0.569
0126 0.712 0.485 0.566
0127 0.714 0.484 0.564
0128 0.717 0.483 0.562
0129 0.720 0.481 0.559
0130 0.722 0.480 0.557
0131 0.725 0.478 0.555
0132 0.728 0.477 0.552
0133 0.730 0.476 0.550
0134 0.733 0.474 0.547
0135 0.735 0.473 0.545
0136 0.738 0.471 0.543
0137 0.741 0.470 0.540
0138 0.743 0.469 0.538
0139 0.746 0.467 0.536
0140 0.749 0.466 0.533
0141 0.751 0.464 0.531
0142 0.754 0.463 0.529
0143 0.756 0.462 0.526
0144 0.759 0.460 0.524
0145 0.762 0.459 0.522
0146 0.764 0.457 0.519
0147 0.767 0.456 0.517
0148 0.770 0.454 0.515
0149 0.772 0.453 0.512
0150 0.775 0.452 0.510
0151 0.777 0.450 0.507
0152 0.780 0.449 0.505
0153 0.783 0.447 0.503
0154 0.785 0.446 0.500
0155 0.788 0.445 0.498
0156 0.791 0.443 0.496
0157 0.793 0.442 0.493
0158 0.796 0.440 0.491
0159 0.799 0.439 0.489
0160 0.801 0.438 0.486
0161 0.804 0.436 0.484
0162 0.806 0.435 0.482
0163 0.809 0.433 0.479
0164 0.812 0.432 0.477
0165 0.814 0.431 0.475
0166 0.817 0.429 0.472
0167 0.820 0.428 0.470
0168 0.822 0.426 0.467
0169 0.825 0.425 0.465
0170 0.827 0.424 0.463
```

```
0171 0.827 0.424 0.463
0172 0.824 0.425 0.464
0173 0.822 0.427 0.465
0174 0.819 0.429 0.467
0175 0.816 0.431 0.468
0176 0.813 0.433 0.470
0177 0.810 0.435 0.471
0178 0.807 0.437 0.472
0179 0.804 0.439 0.474
0180 0.801 0.441 0.475
0181 0.798 0.443 0.476
0182 0.795 0.445 0.478
0183 0.792 0.447 0.479
0184 0.789 0.449 0.480
0185 0.786 0.451 0.482
0186 0.783 0.453 0.483
0187 0.780 0.455 0.485
0188 0.777 0.457 0.486
0189 0.774 0.459 0.487
0190 0.771 0.461 0.489
0191 0.768 0.463 0.490
0192 0.765 0.465 0.491
0193 0.762 0.467 0.493
0194 0.760 0.469 0.494
0195 0.757 0.471 0.495
0196 0.754 0.473 0.497
0197 0.751 0.475 0.498
0198 0.748 0.476 0.499
0199 0.745 0.478 0.501
0200 0.742 0.480 0.502
0201 0.739 0.482 0.504
0202 0.736 0.484 0.505
0203 0.733 0.486 0.506
0204 0.730 0.488 0.508
0205 0.727 0.490 0.509
0206 0.724 0.492 0.510
0207 0.721 0.494 0.512
0208 0.718 0.496 0.513
0209 0.715 0.498 0.514
0210 0.712 0.500 0.516
0211 0.709 0.502 0.517
0212 0.706 0.504 0.519
0213 0.703 0.506 0.520
0214 0.700 0.508 0.521
0215 0.698 0.510 0.523
0216 0.695 0.512 0.524
0217 0.692 0.514 0.525
0218 0.689 0.516 0.527
0219 0.686 0.518 0.528
0220 0.683 0.520 0.529
0221 0.680 0.522 0.531
0222 0.677 0.524 0.532
0223 0.674 0.525 0.534
0224 0.671 0.527 0.535
0225 0.668 0.529 0.536
0226 0.665 0.531 0.538
0227 0.662 0.533 0.539
0228 0.659 0.535 0.540
0229 0.656 0.537 0.542
0230 0.653 0.539 0.543
0231 0.650 0.541 0.544
```

```
0233 0.644 0.545 0.547
0234 0.641 0.547 0.548
0235 0.638 0.549 0.550
0236 0.636 0.551 0.551
0237 0.633 0.553 0.553
0238 0.630 0.555 0.554
0239 0.627 0.557 0.555
0240 0.624 0.559 0.557
0241 0.621 0.561 0.558
0242 0.618 0.563 0.559
0243 0.615 0.565 0.561
0244 0.612 0.567 0.562
0245 0.609 0.569 0.563
0246 0.606 0.571 0.565
0247 0.603 0.573 0.566
0248 0.600 0.575 0.568
0249 0.597 0.576 0.569
0250 0.594 0.578 0.570
0251 0.591 0.580 0.572
0252 0.588 0.582 0.573
0253 0.585 0.584 0.574
0254 0.582 0.586 0.576
0255 0.579 0.588 0.577
0256 0.576 0.590 0.578
0257 0.574 0.592 0.580
0258 0.571 0.594 0.581
0259 0.568 0.596 0.583
0260 0.565 0.598 0.584
0261 0.562 0.600 0.585
0262 0.559 0.602 0.587
0263 0.556 0.604 0.588
0264 0.553 0.606 0.589
0265 0.550 0.608 0.591
0266 0.547 0.610 0.592
0267 0.544 0.612 0.593
0268 0.541 0.614 0.595
0269 0.538 0.616 0.596
0270 0.535 0.618 0.597
0271 0.532 0.620 0.599
0272 0.529 0.622 0.600
0273 0.526 0.624 0.602
0274 0.523 0.625 0.603
0275 0.520 0.627 0.604
0276 0.517 0.629 0.606
0277 0.514 0.631 0.607
0278 0.512 0.633 0.608
0279 0.509 0.635 0.610
0280 0.506 0.637 0.611
0281 0.503 0.639 0.612
0282 0.500 0.641 0.614
0283 0.497 0.643 0.615
0284 0.494 0.645 0.617
0285 0.491 0.647 0.618
0286 0.488 0.649 0.619
0287 0.485 0.651 0.621
0288 0.482 0.653 0.622
0289 0.479 0.655 0.623
0290 0.476 0.657 0.625
0291 0.473 0.659 0.626
0292 0.470 0.661 0.627
```

0232 0.647 0.543 0.546

```
0293 0.467 0.663 0.629
0294 0.464 0.665 0.630
0295 0.461 0.667 0.632
0296 0.458 0.669 0.633
0297 0.455 0.671 0.634
0298 0.452 0.673 0.636
0299 0.450 0.675 0.637
0300 0.447 0.676 0.638
0301 0.444 0.678 0.640
0302 0.441 0.680 0.641
0303 0.438 0.682 0.642
0304 0.435 0.684 0.644
0305 0.432 0.686 0.645
0306 0.429 0.688 0.646
0307 0.426 0.690 0.648
0308 0.423 0.692 0.649
0309 0.420 0.694 0.651
0310 0.417 0.696 0.652
0311 0.414 0.698 0.653
0312 0.411 0.700 0.655
0313 0.408 0.702 0.656
0314 0.405 0.704 0.657
0315 0.402 0.706 0.659
0316 0.399 0.708 0.660
0317 0.396 0.710 0.661
0318 0.393 0.712 0.663
0319 0.390 0.714 0.664
0320 0.387 0.716 0.666
0321 0.385 0.718 0.667
0322 0.382 0.720 0.668
0323 0.379 0.722 0.670
0324 0.376 0.724 0.671
0325 0.373 0.725 0.672
0326 0.370 0.727 0.674
0327 0.367 0.729 0.675
0328 0.364 0.731 0.676
0329 0.361 0.733 0.678
0330 0.358 0.735 0.679
0331 0.355 0.737 0.681
0332 0.352 0.739 0.682
0333 0.349 0.741 0.683
0334 0.346 0.743 0.685
0335 0.343 0.745 0.686
0336 0.340 0.747 0.687
0337 0.337 0.749 0.689
0338 0.334 0.751 0.690
0339 0.331 0.753 0.691
0340 0.328 0.755 0.693
0341 0.325 0.757 0.694
0342 0.325 0.757 0.694
0343 0.329 0.757 0.693
0344 0.333 0.757 0.692
0345 0.337 0.758 0.691
0346 0.341 0.758 0.690
0347 0.345 0.758 0.689
0348 0.349 0.759 0.688
0349 0.353 0.759 0.687
0350 0.357 0.759 0.685
0351 0.361 0.759 0.684
0352 0.365 0.760 0.683
0353 0.369 0.760 0.682
```

```
0355 0.377 0.760 0.680
0356 0.381 0.761 0.679
0357 0.385 0.761 0.678
0358 0.389 0.761 0.677
0359 0.393 0.762 0.676
0360 0.396 0.762 0.675
0361 0.400 0.762 0.674
0362 0.404 0.762 0.672
0363 0.408 0.763 0.671
0364 0.412 0.763 0.670
0365 0.416 0.763 0.669
0366 0.420 0.764 0.668
0367 0.424 0.764 0.667
0368 0.428 0.764 0.666
0369 0.432 0.764 0.665
0370 0.436 0.765 0.664
0371 0.440 0.765 0.663
0372 0.444 0.765 0.662
0373 0.448 0.765 0.661
0374 0.452 0.766 0.659
0375 0.456 0.766 0.658
0376 0.460 0.766 0.657
0377 0.464 0.767 0.656
0378 0.467 0.767 0.655
0379 0.471 0.767 0.654
0380 0.475 0.767 0.653
0381 0.479 0.768 0.652
0382 0.483 0.768 0.651
0383 0.487 0.768 0.650
0384 0.491 0.768 0.649
0385 0.495 0.769 0.647
0386 0.499 0.769 0.646
0387 0.503 0.769 0.645
0388 0.507 0.770 0.644
0389 0.511 0.770 0.643
0390 0.515 0.770 0.642
0391 0.519 0.770 0.641
0392 0.523 0.771 0.640
0393 0.527 0.771 0.639
0394 0.531 0.771 0.638
0395 0.535 0.772 0.637
0396 0.539 0.772 0.636
0397 0.542 0.772 0.634
0398 0.546 0.772 0.633
0399 0.550 0.773 0.632
0400 0.554 0.773 0.631
0401 0.558 0.773 0.630
0402 0.562 0.773 0.629
0403 0.566 0.774 0.628
0404 0.570 0.774 0.627
0405 0.574 0.774 0.626
0406 0.578 0.775 0.625
0407 0.582 0.775 0.624
0408 0.586 0.775 0.623
0409 0.590 0.775 0.621
0410 0.594 0.776 0.620
0411 0.598 0.776 0.619
0412 0.602 0.776 0.618
0413 0.606 0.777 0.617
0414 0.610 0.777 0.616
```

0354 0.373 0.760 0.681

```
0415 0.613 0.777 0.615
0416 0.617 0.777 0.614
0417 0.621 0.778 0.613
0418 0.625 0.778 0.612
0419 0.629 0.778 0.611
0420 0.633 0.778 0.610
0421 0.637 0.779 0.608
0422 0.641 0.779 0.607
0423 0.645 0.779 0.606
0424 0.649 0.780 0.605
0425 0.653 0.780 0.604
0426 0.657 0.780 0.603
0427 0.661 0.780 0.602
0428 0.665 0.781 0.601
0429 0.669 0.781 0.600
0430 0.673 0.781 0.599
0431 0.677 0.781 0.598
0432 0.681 0.782 0.597
0433 0.684 0.782 0.595
0434 0.688 0.782 0.594
0435 0.692 0.783 0.593
0436 0.696 0.783 0.592
0437 0.700 0.783 0.591
0438 0.704 0.783 0.590
0439 0.708 0.784 0.589
0440 0.712 0.784 0.588
0441 0.716 0.784 0.587
0442 0.720 0.785 0.586
0443 0.724 0.785 0.585
0444 0.728 0.785 0.584
0445 0.732 0.785 0.582
0446 0.736 0.786 0.581
0447 0.740 0.786 0.580
0448 0.744 0.786 0.579
0449 0.748 0.786 0.578
0450 0.752 0.787 0.577
0451 0.755 0.787 0.576
0452 0.759 0.787 0.575
0453 0.763 0.788 0.574
0454 0.767 0.788 0.573
0455 0.771 0.788 0.572
0456 0.775 0.788 0.571
0457 0.779 0.789 0.569
0458 0.783 0.789 0.568
0459 0.787 0.789 0.567
0460 0.791 0.790 0.566
0461 0.795 0.790 0.565
0462 0.799 0.790 0.564
0463 0.803 0.790 0.563
0464 0.807 0.791 0.562
0465 0.811 0.791 0.561
0466 0.815 0.791 0.560
0467 0.819 0.791 0.559
0468 0.823 0.792 0.558
0469 0.826 0.792 0.556
0470 0.830 0.792 0.555
0471 0.834 0.793 0.554
0472 0.838 0.793 0.553
0473 0.842 0.793 0.552
0474 0.846 0.793 0.551
0475 0.850 0.794 0.550
```

```
0476 0.854 0.794 0.549
0477 0.858 0.794 0.548
0478 0.862 0.795 0.547
0479 0.866 0.795 0.546
0480 0.870 0.795 0.544
0481 0.874 0.795 0.543
0482 0.878 0.796 0.542
0483 0.882 0.796 0.541
0484 0.886 0.796 0.540
0485 0.890 0.796 0.539
0486 0.894 0.797 0.538
0487 0.897 0.797 0.537
0488 0.901 0.797 0.536
0489 0.905 0.798 0.535
0490 0.909 0.798 0.534
0491 0.913 0.798 0.533
0492 0.917 0.798 0.531
0493 0.921 0.799 0.530
0494 0.925 0.799 0.529
0495 0.929 0.799 0.528
0496 0.933 0.799 0.527
0497 0.937 0.800 0.526
0498 0.941 0.800 0.525
0499 0.945 0.800 0.524
0500 0.949 0.801 0.523
0501 0.953 0.801 0.522
0502 0.957 0.801 0.521
0503 0.961 0.801 0.520
0504 0.965 0.802 0.518
0505 0.968 0.802 0.517
0506 0.972 0.802 0.516
0507 0.976 0.803 0.515
0508 0.980 0.803 0.514
0509 0.984 0.803 0.513
0510 0.988 0.803 0.512
0511 0.992 0.804 0.511
0512 0.996 0.804 0.510
```

Process finished with exit code 0