

χ^2 분포의 상위 α 의 확률값($P[\chi^2 \geq \chi^2_\alpha(d.f)]$)

| α d.f | .99 | .975 | .95 | .9 | .5 | .1 | .05 | .025 | .01 |
|-----------------|---------|---------|---------|---------|---------|----------|----------|----------|----------|
| 1 | .0002 | .0010 | .0039 | .0158 | .4549 | 2.7055 | 3.8415 | 5.0239 | 6.6349 |
| 2 | .0201 | .0506 | .1026 | .2107 | 1.3863 | 4.6052 | 5.9915 | 7.3778 | 9.2103 |
| 3 | .1148 | .2158 | .3518 | .5844 | 2.3660 | 6.2514 | 7.8147 | 9.3484 | 11.3449 |
| 4 | .2971 | .4844 | .7107 | 1.0636 | 3.3567 | 7.7794 | 9.4877 | 11.1433 | 13.2767 |
| 5 | .5543 | .8312 | 1.1455 | 1.6103 | 4.3515 | 9.2364 | 11.0705 | 12.8325 | 15.0863 |
| 6 | .8721 | 1.2373 | 1.6354 | 2.2041 | 5.3481 | 10.6446 | 12.5916 | 14.4494 | 16.8119 |
| 7 | 1.2390 | 1.6899 | 2.1673 | 2.8331 | 6.3458 | 12.0170 | 14.0671 | 16.0128 | 18.4753 |
| 8 | 1.6465 | 2.1797 | 2.7326 | 3.4895 | 7.3441 | 13.3616 | 15.5073 | 17.5345 | 20.0902 |
| 9 | 2.0879 | 2.7004 | 3.3251 | 4.1682 | 8.3428 | 14.6837 | 16.9190 | 19.0228 | 21.6660 |
| 10 | 2.5582 | 3.2470 | 3.9403 | 4.8652 | 9.3418 | 15.9872 | 18.3070 | 20.4832 | 23.2093 |
| 11 | 3.0535 | 3.8157 | 4.5748 | 5.5778 | 10.3410 | 17.2750 | 19.6751 | 21.9200 | 24.7250 |
| 12 | 3.5706 | 4.4038 | 5.2260 | 6.3038 | 11.3403 | 18.5493 | 21.0261 | 23.3367 | 26.2170 |
| 13 | 4.1069 | 5.0088 | 5.8919 | 7.0415 | 12.3398 | 19.8119 | 22.3620 | 24.7356 | 27.6882 |
| 14 | 4.6604 | 5.6287 | 6.5706 | 7.7895 | 13.3393 | 21.0641 | 23.6848 | 26.1189 | 29.1412 |
| 15 | 5.2293 | 6.2621 | 7.2609 | 8.5468 | 14.3389 | 22.3071 | 24.9958 | 27.4884 | 30.5779 |
| 16 | 5.8122 | 6.9077 | 7.9616 | 9.3122 | 15.3385 | 23.5418 | 26.2962 | 28.8454 | 31.9999 |
| 17 | 6.4078 | 7.5642 | 8.6718 | 10.0852 | 16.3382 | 24.7690 | 27.5871 | 30.1910 | 33.4087 |
| 18 | 7.0149 | 8.2307 | 9.3905 | 10.8649 | 17.3379 | 25.9894 | 28.8693 | 31.5264 | 34.8053 |
| 19 | 7.6327 | 8.9065 | 10.1170 | 11.6509 | 18.3377 | 27.2036 | 30.1435 | 32.8523 | 36.1909 |
| 20 | 8.2604 | 9.5908 | 10.8508 | 12.4426 | 19.3374 | 28.4120 | 31.4104 | 34.1696 | 37.5662 |
| 21 | 8.8972 | 10.2829 | 11.5913 | 13.2396 | 20.3372 | 29.6151 | 32.6706 | 35.4789 | 38.9322 |
| 22 | 9.5425 | 10.9823 | 12.3380 | 14.0415 | 21.3370 | 30.8133 | 33.9244 | 36.7807 | 40.2894 |
| 23 | 10.1957 | 11.6886 | 13.0905 | 14.8480 | 22.3369 | 32.0069 | 35.1725 | 38.0756 | 41.6384 |
| 24 | 10.8564 | 12.4012 | 13.8484 | 15.6587 | 23.3367 | 33.1962 | 36.4150 | 39.3641 | 42.9798 |
| 25 | 11.5240 | 13.1197 | 14.6114 | 16.4734 | 24.3366 | 34.3816 | 37.6525 | 40.6465 | 44.3141 |
| 26 | 12.1981 | 13.8439 | 15.3792 | 17.2919 | 25.3365 | 35.5632 | 38.8851 | 41.9232 | 45.6417 |
| 27 | 12.8785 | 14.5734 | 16.1514 | 18.1139 | 26.3363 | 36.7412 | 40.1133 | 43.1945 | 46.9629 |
| 28 | 13.5647 | 15.3079 | 16.9279 | 18.9392 | 27.3362 | 37.9159 | 41.3371 | 44.4608 | 48.2782 |
| 29 | 14.2565 | 16.0471 | 17.7084 | 19.7677 | 28.3361 | 39.0875 | 42.5570 | 45.7223 | 49.5879 |
| 30 | 14.9535 | 16.7908 | 18.4927 | 20.5992 | 29.3360 | 40.2560 | 43.7730 | 46.9792 | 50.8922 |
| 40 | 22.1643 | 24.4330 | 26.5093 | 29.0505 | 39.3353 | 51.8051 | 55.7585 | 59.3417 | 63.6907 |
| 50 | 29.7067 | 32.3574 | 34.7643 | 37.6886 | 49.3349 | 63.1671 | 67.5048 | 71.4202 | 76.1539 |
| 60 | 37.4849 | 40.4817 | 43.1880 | 46.4589 | 59.3347 | 74.3970 | 79.0819 | 83.2977 | 88.3794 |
| 70 | 45.4417 | 48.7576 | 51.7393 | 55.3289 | 69.3345 | 85.5270 | 90.5312 | 95.0232 | 100.4252 |
| 80 | 53.5401 | 57.1532 | 60.3915 | 64.2778 | 79.3343 | 96.5782 | 101.8795 | 106.6286 | 112.3288 |
| 90 | 61.7541 | 65.6466 | 69.1260 | 73.2911 | 89.3342 | 107.5650 | 113.1453 | 118.1359 | 124.1163 |
| 100 | 70.0649 | 74.2219 | 77.9295 | 82.3581 | 99.3341 | 118.4980 | 124.3421 | 129.5612 | 135.8067 |