

Table of critical Chi-Square values:

df	$p = 0.05$	$p = 0.01$	$p = 0.001$	df	$p = 0.05$	$p = 0.01$	$p = 0.001$
1	3.84	6.64	10.83	53	70.99	79.84	90.57
2	5.99	9.21	13.82	54	72.15	81.07	91.88
3	7.82	11.35	16.27	55	73.31	82.29	93.17
4	9.49	13.28	18.47	56	74.47	83.52	94.47
5	11.07	15.09	20.52	57	75.62	84.73	95.75
6	12.59	16.81	22.46	58	76.78	85.95	97.03
7	14.07	18.48	24.32	59	77.93	87.17	98.34
8	15.51	20.09	26.13	60	79.08	88.38	99.62
9	16.92	21.67	27.88	61	80.23	89.59	100.88
10	18.31	23.21	29.59	62	81.38	90.8	102.15
11	19.68	24.73	31.26	63	82.53	92.01	103.46
12	21.03	26.22	32.91	64	83.68	93.22	104.72
13	22.36	27.69	34.53	65	84.82	94.42	105.97
14	23.69	29.14	36.12	66	85.97	95.63	107.26
15	25	30.58	37.7	67	87.11	96.83	108.54
16	26.3	32	39.25	68	88.25	98.03	109.79
17	27.59	33.41	40.79	69	89.39	99.23	111.06
18	28.87	34.81	42.31	70	90.53	100.42	112.31
19	30.14	36.19	43.82	71	91.67	101.62	113.56
20	31.41	37.57	45.32	72	92.81	102.82	114.84
21	32.67	38.93	46.8	73	93.95	104.01	116.08
22	33.92	40.29	48.27	74	95.08	105.2	117.35
23	35.17	41.64	49.73	75	96.22	106.39	118.6
24	36.42	42.98	51.18	76	97.35	107.58	119.85
25	37.65	44.31	52.62	77	98.49	108.77	121.11
26	38.89	45.64	54.05	78	99.62	109.96	122.36
27	40.11	46.96	55.48	79	100.75	111.15	123.6
28	41.34	48.28	56.89	80	101.88	112.33	124.84
29	42.56	49.59	58.3	81	103.01	113.51	126.09
30	43.77	50.89	59.7	82	104.14	114.7	127.33
31	44.99	52.19	61.1	83	105.27	115.88	128.57
32	46.19	53.49	62.49	84	106.4	117.06	129.8
33	47.4	54.78	63.87	85	107.52	118.24	131.04
34	48.6	56.06	65.25	86	108.65	119.41	132.28
35	49.8	57.34	66.62	87	109.77	120.59	133.51
36	51	58.62	67.99	88	110.9	121.77	134.74
37	52.19	59.89	69.35	89	112.02	122.94	135.96
38	53.38	61.16	70.71	90	113.15	124.12	137.19
39	54.57	62.43	72.06	91	114.27	125.29	138.45
40	55.76	63.69	73.41	92	115.39	126.46	139.66
41	56.94	64.95	74.75	93	116.51	127.63	140.9
42	58.12	66.21	76.09	94	117.63	128.8	142.12
43	59.3	67.46	77.42	95	118.75	129.97	143.32
44	60.48	68.71	78.75	96	119.87	131.14	144.55
45	61.66	69.96	80.08	97	120.99	132.31	145.78
46	62.83	71.2	81.4	98	122.11	133.47	146.99
47	64	72.44	82.72	99	123.23	134.64	148.21
48	65.17	73.68	84.03	100	124.34	135.81	149.48
49	66.34	74.92	85.35				
50	67.51	76.15	86.66				
51	68.67	77.39	87.97				
52	69.83	78.62	89.27				