

Verteilungsfunktion Φ der Standardnormalverteilung

$$\Phi(a) = \int_{-\infty}^a \frac{1}{\sqrt{2\pi}} \exp\left(-\frac{z^2}{2}\right) dz, \quad \text{für } a = 0.00, \dots, 3.99$$

	0	1	2	3	4	5	6	7	8	9
0.0	.5000	.5040	.5080	.5120	.5160	.5199	.5239	.5279	.5319	.5359
0.1	.5398	.5438	.5478	.5517	.5557	.5596	.5636	.5675	.5714	.5753
0.2	.5793	.5832	.5871	.5910	.5948	.5987	.6026	.6064	.6103	.6141
0.3	.6179	.6217	.6255	.6293	.6331	.6368	.6406	.6443	.6481	.6517
0.4	.6554	.6591	.6628	.6664	.6700	.6736	.6772	.6808	.6844	.6879
0.5	.6915	.6950	.6985	.7019	.7054	.7088	.7123	.7157	.7190	.7224
0.6	.7257	.7291	.7324	.7357	.7389	.7422	.7454	.7486	.7517	.7549
0.7	.7580	.7611	.7642	.7673	.7704	.7734	.7764	.7794	.7823	.7852
0.8	.7881	.7910	.7939	.7967	.7995	.8023	.8051	.8078	.8106	.8133
0.9	.8159	.8186	.8212	.8238	.8264	.8289	.8315	.8340	.8365	.8389
1.0	.8413	.8438	.8461	.8485	.8508	.8531	.8554	.8577	.8599	.8621
1.1	.8643	.8665	.8686	.8708	.8729	.8749	.8770	.8790	.8810	.8830
1.2	.8849	.8869	.8888	.8907	.8925	.8944	.8962	.8980	.8997	.9015
1.3	.9032	.9049	.9066	.9082	.9099	.9115	.9131	.9147	.9162	.9177
1.4	.9192	.9207	.9222	.9236	.9251	.9265	.9279	.9292	.9306	.9319
1.5	.9332	.9345	.9357	.9370	.9382	.9394	.9406	.9418	.9429	.9441
1.6	.9452	.9463	.9474	.9484	.9495	.9505	.9515	.9525	.9535	.9545
1.7	.9554	.9564	.9573	.9582	.9591	.9599	.9608	.9616	.9625	.9633
1.8	.9641	.9649	.9656	.9664	.9671	.9678	.9686	.9693	.9699	.9706
1.9	.9713	.9719	.9726	.9732	.9738	.9744	.9750	.9756	.9761	.9767
2.0	.97725	.97778	.97831	.97882	.97932	.97982	.98030	.98077	.98124	.98169
2.1	.98214	.98257	.98300	.98341	.98382	.98422	.98461	.98500	.98537	.98574
2.2	.98610	.98645	.98679	.98713	.98745	.98778	.98809	.98840	.98870	.98899
2.3	.98928	.98956	.98983	.99010	.99036	.99061	.99086	.99111	.99134	.99158
2.4	.99180	.99202	.99224	.99245	.99266	.99286	.99305	.99324	.99343	.99361
2.5	.99379	.99396	.99413	.99430	.99446	.99461	.99477	.99492	.99506	.99520
2.6	.99534	.99547	.99560	.99573	.99585	.99598	.99609	.99621	.99632	.99643
2.7	.99653	.99664	.99674	.99683	.99693	.99702	.99711	.99720	.99728	.99736
2.8	.99744	.99752	.99760	.99767	.99774	.99781	.99788	.99795	.99801	.99807
2.9	.99813	.99819	.99825	.99831	.99836	.99841	.99846	.99851	.99856	.99861
3.0	.998650	.998694	.998736	.998777	.998817	.998856	.998893	.998930	.998965	.998999
3.1	.999032	.999065	.999096	.999126	.999155	.999184	.999211	.999238	.999264	.999289
3.2	.999313	.999336	.999359	.999381	.999402	.999423	.999443	.999462	.999481	.999499
3.3	.999517	.999534	.999550	.999566	.999581	.999596	.999610	.999624	.999638	.999651
3.4	.999663	.999675	.999687	.999698	.999709	.999720	.999730	.999740	.999749	.999758
3.5	.999767	.999776	.999784	.999792	.999800	.999807	.999815	.999822	.999828	.999835
3.6	.999841	.999847	.999853	.999858	.999864	.999869	.999874	.999879	.999883	.999888
3.7	.999892	.999896	.999900	.999904	.999908	.999912	.999915	.999918	.999922	.999925
3.8	.999928	.999931	.999933	.999936	.999938	.999941	.999943	.999946	.999948	.999950
3.9	.999952	.999954	.999956	.999958	.999959	.999961	.999963	.999964	.999966	.999967

Bitte wenden!

Quantile der t-Verteilung

Ausgewählte Quantile $t_{n,1-\alpha}$ der t-Verteilung

n	$t_{0.90}$	$t_{0.95}$	$t_{0.96}$	$t_{0.97}$	$t_{0.975}$	$t_{0.98}$	$t_{0.99}$	$t_{0.995}$
1	3.078	6.314	7.916	10.579	12.706	15.895	31.821	63.657
2	1.886	2.920	3.320	3.896	4.303	4.849	6.965	9.925
3	1.638	2.353	2.605	2.951	3.182	3.482	4.541	5.841
4	1.533	2.132	2.333	2.601	2.776	2.999	3.747	4.604
5	1.476	2.015	2.191	2.422	2.571	2.757	3.365	4.032
6	1.440	1.943	2.104	2.313	2.447	2.612	3.143	3.707
7	1.415	1.895	2.046	2.241	2.365	2.517	2.998	3.499
8	1.397	1.860	2.004	2.189	2.306	2.449	2.896	3.355
9	1.383	1.833	1.973	2.150	2.262	2.398	2.821	3.250
10	1.372	1.812	1.948	2.120	2.228	2.359	2.764	3.169
11	1.363	1.796	1.928	2.096	2.201	2.328	2.718	3.106
12	1.356	1.782	1.912	2.076	2.179	2.303	2.681	3.055
13	1.350	1.771	1.899	2.060	2.160	2.282	2.650	3.012
14	1.345	1.761	1.887	2.046	2.145	2.264	2.624	2.977
15	1.341	1.753	1.878	2.034	2.131	2.249	2.602	2.947
16	1.337	1.746	1.869	2.024	2.120	2.235	2.583	2.921
17	1.333	1.740	1.862	2.015	2.110	2.224	2.567	2.898
18	1.330	1.734	1.855	2.007	2.101	2.214	2.552	2.878
19	1.328	1.729	1.850	2.000	2.093	2.205	2.539	2.861
20	1.325	1.725	1.844	1.994	2.086	2.197	2.528	2.845
30	1.310	1.697	1.812	1.955	2.042	2.147	2.457	2.750
40	1.303	1.684	1.796	1.936	2.021	2.123	2.423	2.704
60	1.296	1.671	1.781	1.917	2.000	2.099	2.390	2.660
120	1.289	1.658	1.766	1.899	1.980	2.076	2.358	2.617