

K换算表

n[dB]	k	(k-1)/(k+1)	(k+1)/(k-1)	k/(k ² -1)	(k ² -1)/k	(k-1)/k	1/(k-1)	n[dB]
0.5	1.059253725	0.028774368	34.75315213	8.68109444	0.115192849	0.055939124	16.87657606	0.5
1	1.122018454	0.057501128	17.39096325	4.33336553	0.230767516	0.108749062	8.195481624	1
1.5	1.188502227	0.086132984	11.6099542	2.880955304	0.347107086	0.158604858	5.304977101	1.5
2	1.258925412	0.114623268	8.724232188	2.15240223	0.464597177	0.205671765	3.862116094	2
2.5	1.333521432	0.142926235	6.996616131	1.713422474	0.583627223	0.250105791	2.998308065	2.5
3	1.412537545	0.170997357	5.848043593	1.419261559	0.70459176	0.292054216	2.424021796	3
3.5	1.496235656	0.198793593	5.030343196	1.207887401	0.827891739	0.331656082	2.015171598	3.5
4	1.584893192	0.22627364	4.419427728	1.048288522	0.953935848	0.369042656	1.709713864	4
4.5	1.678804018	0.253398163	3.946358517	0.923240088	1.083141875	0.404337856	1.473179258	4.5
5	1.77827941	0.28013	3.569771183	0.822410296	1.215938085	0.437658675	1.284885591	5
5.5	1.883649089	0.306434334	3.26334189	0.739226889	1.352764645	0.469115556	1.131670945	5.5
6	1.995262315	0.332278849	3.009520475	0.669310406	1.494075081	0.498812766	1.004760238	6
6.5	2.11348904	0.35763384	2.796155982	0.609630536	1.640337781	0.526848741	0.898077991	6.5
7	2.238721139	0.382472305	2.614568395	0.558024022	1.792037546	0.553316408	0.807284197	7
7.5	2.371373706	0.406770007	2.458391678	0.512905418	1.949677202	0.578303497	0.729195839	7.5
8	2.511886432	0.430505502	2.322850684	0.473086295	2.113779261	0.601892829	0.661425342	8
8.5	2.66072506	0.453660145	2.204293262	0.437658279	2.284887656	0.624162596	0.602146631	8.5
9	2.818382931	0.476218065	2.09987834	0.405915069	2.463569542	0.645186611	0.54993917	9
9.5	2.985382619	0.498166126	2.007362501	0.377299094	2.65041718	0.665034561	0.50368125	9.5
10	3.16227766	0.519493853	1.924950591	0.351364184	2.846049894	0.683772234	0.462475296	10
11	3.548133892	0.560259208	1.784888112	0.306157226	3.266295599	0.718161707	0.392444056	11
12	3.981071706	0.598479982	1.670899662	0.26810492	3.729883062	0.748811357	0.335449831	12
13	4.466835922	0.634157668	1.576894911	0.235684311	4.242963808	0.776127886	0.288447455	13
14	5.011872336	0.667324938	1.49852035	0.207798853	4.812346105	0.800473769	0.249260175	14
15	5.623413252	0.698040886	1.432580843	0.183634989	5.445585311	0.822172059	0.216290421	15
16	6.309573445	0.726386223	1.376678093	0.162572968	6.151084126	0.841510681	0.188339047	16
17	7.079457844	0.752458638	1.328976703	0.144129516	6.938204089	0.858746246	0.164488352	17
18	7.943282347	0.77636846	1.288048203	0.127919936	7.817389806	0.874107459	0.144024101	18
19	8.912509381	0.798234743	1.252764313	0.113632392	8.800307536	0.887798155	0.126382157	19
20	10	0.818181818	1.222222222	0.101010101	9.9	0.9	0.111111111	20
21	11.22018454	0.83633635	1.195691183	0.089838708	11.13105945	0.910874906	0.097845591	21
22	12.58925412	0.852824888	1.17257366	0.079937193	12.50982129	0.920567177	0.08628683	22
23	14.12537545	0.867771877	1.152376594	0.071151179	14.05458087	0.929205422	0.076188297	23
24	15.84893192	0.881298114	1.134689822	0.063347927	15.78583619	0.936904266	0.067344911	24
25	17.7827941	0.89351957	1.119169668	0.056412525	17.72655997	0.943765867	0.059584834	25
26	19.95262315	0.904546558	1.10552629	0.050244933	19.90250443	0.949881277	0.052763145	26
27	22.38721139	0.914483178	1.093513828	0.044757662	22.34254303	0.955331641	0.046756914	27
28	25.11886432	0.923426992	1.082922644	0.039873913	25.0790536	0.960189283	0.041461322	28
29	28.18382931	0.931468897	1.073573152	0.035526064	28.14834797	0.964518661	0.036786576	29
30	31.6227766	0.93869314	1.065310864	0.031654431	31.59115383	0.968377223	0.032655432	30
31	35.48133892	0.945177451	1.058002388	0.028206234	35.45315509	0.971816171	0.029001194	31
32	39.81071706	0.950993265	1.051532158	0.025134723	39.78559819	0.974881136	0.025766079	32
33	44.66835922	0.956206003	1.045799751	0.022398437	44.645972	0.977612789	0.022899876	33
34	50.11872336	0.960875392	1.040717671	0.01996057	50.09877074	0.980047377	0.020358835	34
35	56.23413252	0.965055817	1.036209494	0.017788419	56.21634972	0.982217206	0.018104747	35
36	63.09573445	0.968796676	1.032208332	0.015852914	63.07988552	0.984151068	0.016104166	36
37	70.79457844	0.972142743	1.028655521	0.014128194	70.78045306	0.985874625	0.01432776	37
38	79.43282347	0.975134529	1.025499528	0.01259125	79.42023422	0.987410746	0.012749764	38
39	89.12509381	0.977808622	1.022695011	0.011221597	89.11387363	0.988779815	0.011347506	39
40	100	0.98019802	1.02020202	0.010001	99.99	0.99	0.01010101	40
41	112.2018454	0.982332444	1.017985313	0.008913217	112.1929329	0.991087491	0.008992657	41
42	125.8925412	0.984238632	1.016013767	0.007943784	125.8845979	0.992056718	0.008006883	42
43	141.2537545	0.985940617	1.014259868	0.007079813	141.246675	0.992920542	0.007129934	43
44	158.4893192	0.987459975	1.012699274	0.006309825	158.4830097	0.993690427	0.006349637	44
45	177.827941	0.988816065	1.01131043	0.005623591	177.8223176	0.994376587	0.005655215	45
46	199.5262315	0.990026243	1.010074235	0.005011998	199.5212196	0.994988128	0.005037118	46
47	223.8721139	0.991106056	1.008973756	0.004466925	223.867647	0.995533164	0.004486878	47
48	251.1886432	0.992069429	1.007993968	0.003981135	251.1846621	0.996018928	0.003996984	48
49	281.8382931	0.992928822	1.007121536	0.003548179	281.834745	0.996451866	0.003560768	49
50	316.227766	0.993695382	1.006344619	0.003162309	316.2246037	0.996837722	0.003172309	50
51	354.8133892	0.994379076	1.005652697	0.002818405	354.8105709	0.997181617	0.002826349	51
52	398.1071706	0.994988815	1.005036424	0.002511902	398.1046587	0.997488114	0.002518212	52
53	446.6835922	0.995532559	1.004487489	0.002238732	446.6813534	0.997761279	0.002243744	53
54	501.1872336	0.996017422	1.003998503	0.00199527	501.1852384	0.998004738	0.001999251	54
55	562.3413252	0.996449755	1.003562895	0.001778285	562.3395469	0.998221721	0.001781447	55
56	630.9573445	0.996835229	1.003174818	0.001584897	630.9557596	0.998415107	0.001587409	56
57	707.9457844	0.99717891	1.002829071	0.00141254	707.9443718	0.998587462	0.001414536	57
58	794.3282347	0.997485315	1.002521025	0.001258927	794.3269758	0.998741075	0.001260512	58
59	891.2509381	0.997758478	1.002246558	0.00112202	891.2498161	0.998877982	0.001123279	59
60	1000	0.998001998	1.002002002	0.001000001	999.999	0.999	0.001001001	60
65	1778.27941	0.998875949	1.001125315	0.000562342	1778.278848	0.999437659	0.000562658	65
70	3162.27766	0.999367744	1.000632656	0.000316228	3162.277344	0.999683772	0.000316328	70
75	5623.413252	0.999644407	1.000355719	0.000177828	5623.413074	0.999822172	0.00017786	75
80	10000	0.99980002	1.00020002	0.0001	9999.9999	0.9999	0.00010001	80
85	17782.7941	0.999887538	1.000112475	5.62341E-05	17782.79404	0.999943766	5.62373E-05	85
90	31622.7766	0.999936756	1.000063248	3.16228E-05	31622.77657	0.999968377	3.16238E-05	90
95	56234.13252	0.999964435	1.000035566	1.77828E-05	56234.1325	0.999982217	1.77831E-05	95
100	100000	0.99998	1.00002	1E-05	99999.99999	0.99999	1.00001E-05	100