

Sones vs LwA vs dBA

Please remember there is no direct Formula to convert Sones to sound power or sound pressure.

The following values are approximate at best and represent a +/- 2dB error

Sones	LwA	dBA@5'	Sones	LwA	dBA@5'	Sones	LwA	dBA@5'	Sones	LwA	dBA@5'	Sones	LwA	dBA@5'
1	40	28	15	79.05	67.05	29	88.55	76.55	43	94.23	82.23	57	98.3	86.3
2	49.99	37.99	16	79.98	67.98	30	89.04	77.04	44	94.56	82.56	58	98.55	86.55
3	55.84	43.84	17	80.85	68.85	31	89.51	77.51	45	94.89	82.89	59	98.79	86.79
4	59.99	47.99	18	81.68	69.68	32	89.97	77.97	46	95.2	83.2	60	99.03	87.03
5	63.21	51.21	19	82.45	70.45	33	90.41	78.41	47	95.51	83.51	61	99.27	87.27
6	65.83	53.83	20	83.19	71.19	34	90.85	78.85	48	95.82	83.82	62	99.51	87.51
7	68.06	56.06	21	83.9	71.9	35	91.26	79.26	49	96.11	84.11	63	99.74	87.74
8	69.98	57.98	22	84.57	72.57	36	91.67	79.67	50	96.41	84.41	64	99.97	87.97
9	71.68	59.68	23	85.21	73.21	37	92.06	80.06	51	96.69	84.69	65	100.19	88.19
10	73.2	61.2	24	85.82	73.82	38	92.45	80.45	52	96.97	84.97	66	100.41	88.41
11	74.57	62.57	25	86.41	74.41	39	92.82	80.82	53	97.25	85.25	67	100.63	88.63
12	75.83	63.83	26	86.98	74.98	40	93.19	81.19	54	97.52	85.52	68	100.84	88.84
13	76.98	64.98	27	87.52	75.52	41	93.54	81.54	55	97.78	85.78	69	101.05	89.05
14	78.05	66.05	28	88.05	76.05	42	93.89	81.89	56	98.04	86.04	70	101.26	89.26