

Alcohol Reduction Chart

Formula : Alcohol % of wine on hand - I x 100 / Alcohol % wanted = % of water to add x volume wanted

eg. Add 3.85% water to a sample of 13.5% alcohol wine to reduce sample to 13.0 % alcohol

eg. 100 mls of 13.5% alcohol wine plus 3.85 mls water = 13.0 % alcohol wine

750 mls of 16% alcohol wine plus 50.0 mls water = 15.0 % alcohol wine

Alcohol of wine	Alcohol wanted	water to add	Alcohol of wine	Alcohol wanted	water to add	Alcohol of wine	Alcohol wanted	% water to add
13.5%	%	%	14.0%	%	%	14.5%	%	%
13.5	13.0%	3.85	14	13.5%	3.70	14.5	14.0%	3.57
13.5	12.5%	8.00	14	13.0%	7.69	14.5	13.5%	7.41
13.5	12.0%	12.5	14	12.5%	12.0	14.5	13.0%	11.5
13.5	11.5%	17.4	14	12.0%	16.7	14.5	12.5%	16.0
13.5	11.0%	22.7	14	11.5%	21.7	14.5	12.0%	20.8
13.5	10.5%	28.6	14	11.0%	27.3	14.5	11.5%	26.1
13.5	10.0%	35.0	14	10.5%	33.3	14.5	11.0%	31.8
Alcohol of wine	Alcohol wanted	water to add	Alcohol of wine	Alcohol wanted	% water to add	Alcohol of wine	Alcohol wanted	% water to add
15.0%	%	%	15.5%	%	%	16.0%	%	%
15	14.5%	3.45	15.5	15.0%	3.33	16	15.5%	3.23
15	14.0%	7.14	15.5	14.5%	6.90	16	15.0%	6.67
15	13.5%	11.1	15.5	14.0%	10.7	16	14.5%	10.3
15	13.0%	15.4	15.5	13.5%	14.8	16	14.0%	14.3
15	12.5%	20.0	15.5	13.0%	19.2	16	13.5%	18.5
15	12.0%	25.0	15.5	12.5%	24.0	16	13.0%	23.1
15	11.5%	30.4	15.5	12.0%	29.2	16	12.5%	28.0
15	11.0%	36.4	15.5	11.5%	34.8	16	12.0%	33.3
Alcohol of wine	Alcohol wanted	water to add	Alcohol of wine	Alcohol wanted	% water to add	Alcohol of wine	Alcohol wanted	% water to add
16.5%	%	%	17.0%	%	%	17.5%	%	%
16.5	16.0%	3.13	17	16.5%	3.03	17.5	17.0%	2.94
16.5	15.5%	6.45	17	16.0%	6.25	17.5	16.5%	6.06
16.5	15.0%	10.0	17	15.5%	9.7	17.5	16.0%	9.4
16.5	14.5%	13.8	17	15.0%	13.3	17.5	15.5%	12.9
16.5	14.0%	17.9	17	14.5%	17.2	17.5	15.0%	16.7
16.5	13.5%	22.2	17	14.0%	21.4	17.5	14.5%	20.7
16.5	13.0%	26.9	17	13.5%	25.9	17.5	14.0%	25.0