

## ■ Token Count Reference

Use these approximations to estimate how many words or characters correspond to a given token count.

Tokens	Approx. Words	Approx. Characters
1	0.75	4
10	7.5	40
50	37.5	200
100	75	400
512	384	2048
1024	768	4096
2048	1536	8192
4096	3072	16384
8192	6144	32768
16384	12288	65536
32768	24576	131072

### Formulas:

- Approx. Words  $\approx$  Tokens  $\times$  0.75
- Approx. Characters  $\approx$  Tokens  $\times$  4