

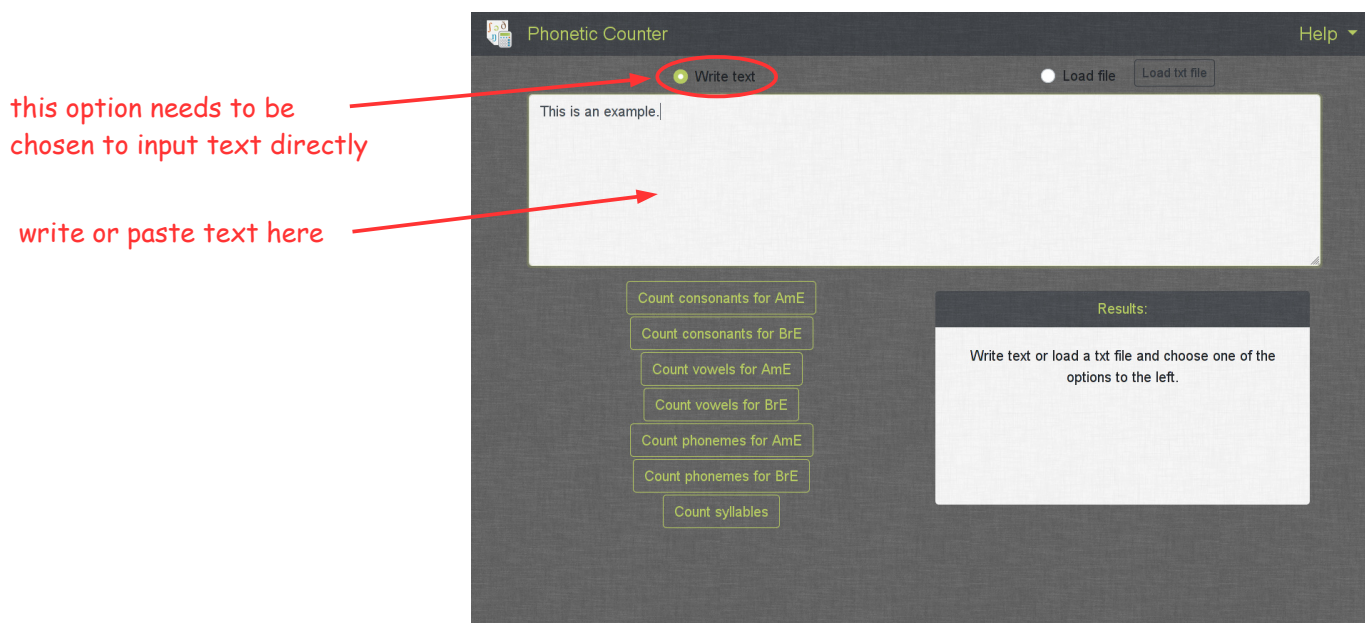
1. Purpose and general features

With the use of this site you can count phonemic consonants and vowels as well as syllables for both American English and British English (there are slight differences between the two dialects resulting from aspects such as rhoticity). The software was used and described in Stolarski (2018). It applies numerous spelling-to-sound rules discussed in Gimson & Cruttenden (2001) and Wells (2010), as well as morphophonemic rules outlined in Plag (2003) and Thomson & Martinet (1994). The program correctly counts syllables and phonemic consonants and vowels even in complex clusters. In a validation test conducted on a sample containing 1131 phonemes taken randomly from “The Count of Monte Christo” by Alexandre Dumas, the program made only 5 mistakes. This indicates that the possible margin of error in the results concerning phonemes is unlikely to substantially exceed 1% ($\bar{x} = 0.44\%$, 95% CI: 0.16%, 1.08%) (for other details see Stolarski 2018).

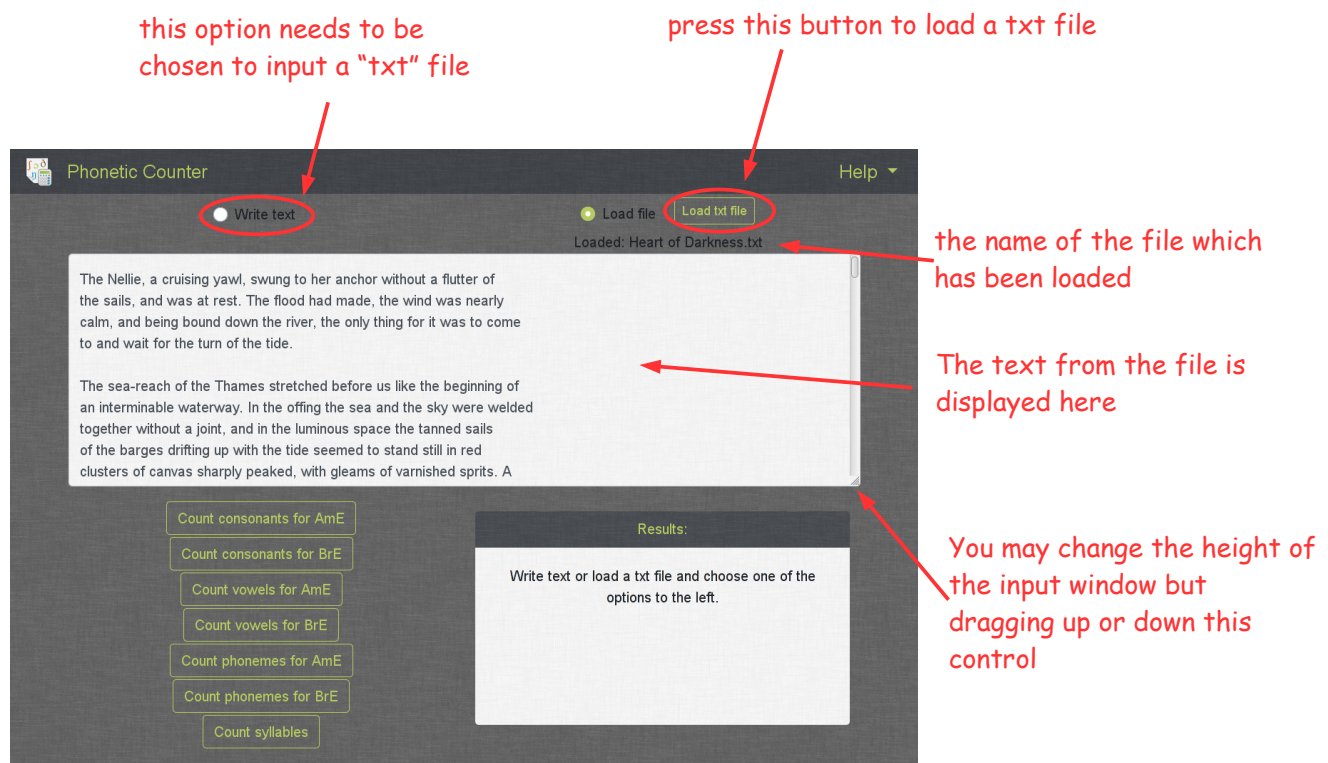
2. How to use the site

The site may take two types of input:

a) text from the user – this option is set by default. The user may write or paste text of any length into the input window (see the picture below).

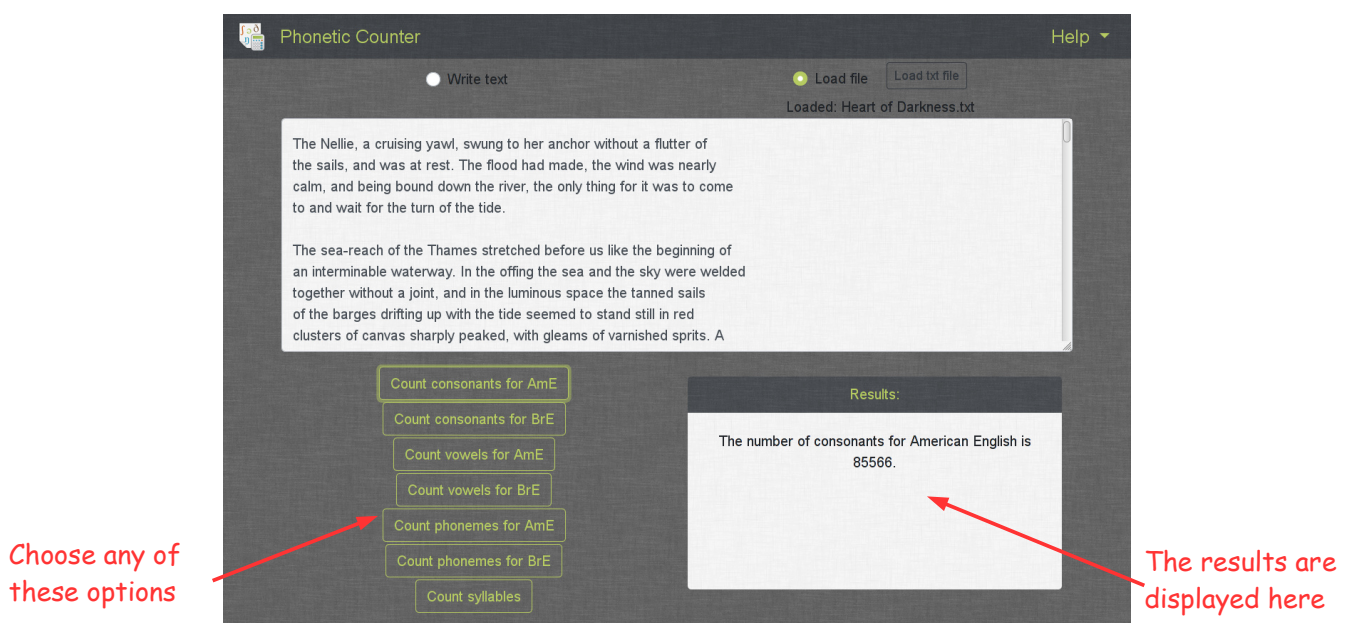


b) a “txt” file – in order to load a plain text file choose the “Load file” option and press the “Load txt file” button as show in the picture below. The text of the file will be displayed in the input window.



To use formats other than "txt", choose one of the conversion tools available on the Internet or simply copy the text you want to process into a text editor and save it as a "txt" file.

To count consonants, vowels, phonemes or syllables, press one of the buttons in the lower-left panel. The software will process the text from the input window and show the results in the "Results" section (see the picture below).



3. Legal matter

Phonetic Counter can be use freely for non-profit purposes.

The software comes on an 'as is' basis, and the author will accept no liability for any damage that

may result from using the software.

References:

- Gimson, A. C., & Cruttenden, A. (2001). *Gimson's pronunciation of English*. Oxford: Oxford University Press.
- Plag, I. (2003). *Word-formation in English*. Cambridge: Cambridge University Press.
- Stolarski, Ł. (2018). Lack of effects of gender on the reading rate of long texts. *Sociolinguistic Studies*, (12.3-4), 461–479.
- Thomson, A. J., & Martinet, A. V. (1994). *A practical English grammar*. Oxford, New York: Oxford University Press.
- Wells, J. C. (2010). *Longman pronunciation dictionary*. Harlow, England: Pearson Education Limited.