

# From Markdown to nice looking article

Martine

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## 1 Instructions

### 1.1 Header

Start your Markdown file with a **Yaml** header such as the one at the top of this file:

```
---
title: <YOUR_AMAZING_TITLE>
author: <YOUR_NAME>
bibliography: <BIBTEX_FILE>
csl: <CSL_BIB_STYLE_FILE>
---
```

### 1.2 Citations

You can site Einstein if it please you<sup>1</sup>:

[@<BIBTEX\_ENTRY\_NAME>]

## 1.3 Equations

Using Mathjax, why not add some fun equation:

$$\gamma = \frac{1}{\sqrt{1 - v^2/c^2}}$$

More generally:

```
$$  
<YOUR_AMAZING_LATEX_EQUATION>  
$$
```

## 1.4 Compiling

First install [pandoc](#) and [pandoc-citeproc](#). On MacOS using Homebrew (follow [link](#) for documentation on other platforms):

```
brew install pandoc pandoc-citeproc
```

Once installed, you can run the following commands for either a nice HTML document or, if you have LaTeX and PDFLaTeX installed, an equally nice PDF document:

```
pandoc -N --toc --css=pandoc.css --mathjax=http://cdn.mathjax.org/mathjax/latest/MathJax.js
```

or

```
pandoc -N --toc --template template.latex --filter pandoc-citeproc -o README.pdf README.md
```

You can also make yourself a nice little Makefile that will prevent retyping these every time.

1. Einstein, A. Die grundlage der allgemeinen relativitätstheorie. *Annalen der Physik* **354**, 769–822 (1916).