

# Tigard Teahouse Website Documentation

## Stylesheet Overview

### reset.css

Base file to facilitate design process and cross-browser consistency. Styles control starting values of many properties. Modification not recommended.

### grid.css

Sets up structure for webpage's responsive grid design: HTML divs are given classes styled to make them 100% width (for single column) on mobile and about half-width (for 2 columns) on tablet. Of these, many are given a class styled to make them span a third of the page (3 columns) on desktop only. Modification not recommended.

### style.css

All other styles for the web page. Uses LESS preprocessing language, which allows for a nested style structure (mirroring structure of HTML file to an extent). LESS also supports the use of variables (with an @ symbol) and mixins (essentially a class with given property or properties that can be used inside other rule-sets). The variables and mixins are stored and controlled in var.less.

### var.less

Allows for keeping vital or commonly used code in one place to facilitate organization and quick changes. For example, changing "@color1: #5A0B09" to "@color1: black" will change all elements assigned @color1 to black.

### style.css

Compiled version of style.less (with imported code from var.less) actually used in the final product (index.html links to style.css but not style.less). If your code editor includes or gives you access to a LESS compiler, I recommend only making changes to the style.less and var.less files and setting your editor to make those changes compile to (and overwrite) style.css (alternatively, you can use an online LESS compiler; just replace the '@import "var.less";' at the top of the style.less code you paste in with the actual code from var.less so the compiler can work and output all the code you need to replace the old style.css code). Then upload both the LESS you edited and updated CSS file to the server.

If you don't wish to implement this system, go ahead and make changes directly to style.css instead.

## Managing Content

**Note regarding all image replacements and additions:** Use the file format JPG/JPEG for photos and PNG for graphics. For both, but more importantly for PNG files, I recommend using an image compressor to shrink the file size and help page load time. There are many online compressors: I used

compresspng.com and compressjpeg.com. You'll need to rename the files to replace the originals, as the compressor adds a suffix (-min) to the compressed versions.

## Adding or Replacing Items in Inventory

All product data, except the image file name, must be entered in the array under the comment `/*  
GENERATE PRODUCT ITEM NAMES, IMAGES, AND INFO */`. It is imperative that filenames of product pages, image filenames for products, and the names of products are exactly the same for the product info to be displayed, except that image filenames and product-page filenames must be lowercased versions of the text entered as productName with underscores replacing the spaces, and ending in .php (for FILE) and .jpg (for image filenames). Keep to the template format given:

```
"FILE: ginger_white_tea.php" +  
"NAME: Ginger White Tea" +
```

And the image for this product would be named ginger\_white\_tea.jpg. Also, it is essential to keep the current formatting of using quotation marks and plus signs, just as you see templated in scripts.js. Also note that each product section must be followed by a comma except the last one.

## Replacing or Adding Images

All hero images, product images, and large button images are set via the Javascript file scripts.js. To add or replace these, just add to or replace the existing images in their respective directories. Whether adding or replacing, do not change image directories and make sure that the image names are exactly the same as their respective page file names (except replacing .php with .jpg), as shown in the current format.

Hero images should be at least 1600 pixel wide.

Product images should be around 350 to 650 in height and width (the ratio isn't that important).

Button abackground images can be around 300 pixels high and 400 to 600 pixels wide.

Images used for the Teahouse and Partners page