Accessibility

The following are examples of where features in my code are support what's known as Accessibility in web design, both technical and also sensical (for example when deciding where to place a hidden skip-link in the page).

Generic semantic mark up

Starting with the semantic mark-up, I've used, appropriate tags including ones that are HTML5 specific. They are header, main, footer, aside, video, figure, figcaption, nav, section and article.

Following are a couple of specific examples and reasons for why I've marked them up this way.

In the Home page I've noticed 3 main divisions, Selling, Buying and Valuing and then a forth 'aside' for temporary news, about a hot item, which would be updated from time to time. I've therefor put the former, in 3 separate sections and put the aside on the right but set it to tuck in when the screen is minimized.

I've given heed to place headers of page sections into h2 tags, headers of articles or of sections with less significance – h3 tags, and the header of the author-name, in the aside on the home page, in an h4 heading tag.

In the 19th Century page, the individual book items are independent distributable contents, I've therefore placed them each in a separate 'article', with an h2 header, img and paragraph.

In the Delivery page, there are two separate sections, for prices per weight and for delivery duration. I've separated them accordingly.

The images in the Home page and in the book page are placed within figure tags, and in the latter also along with figcaptions to describe them.

The cells in the table in the Delivery page are marked as rows and columns and to which header they belong.

Generic features

The form fields in the Contact us page have the 'required' attribute and in particular the type "email" assures the input is a valid email address. Also the labels and placeholder texts the fields, help screen readers.

Links are set with pseudo classes to show slightly different colours of the colour schema I've chosen for different stages

I've used emphases, boldness and bulleting in appropriate places such as author, title and rating in 19th century page, and have paid special attention to font-size of both, different regions of the page and different screen sizes.

Out of the colour scheme available and based on the base colour given, I've chosen the right shading for different areas on the page. For eg, because the img have had a white background they would not have mixed well, had their surroundings been coloured. Similarly, navigational 'a' links, could not be placed in a too dark background as they would not strike out as needed.

Breadcrumbs that help a user know where they're in the site hierarchy in addition to highlighting a .current attribute of the current page on the navigation bar.

Specific features

Alts in the image elements in the event they don't display and hidden skip links to jump to different sections of the page. I've also taken care to use roles for the different page elements, such as navigation, banner and contentinfo.

The video in Home include an aria-describedby. The fields in the form, in the contact us page, include an aria-required for user-agents who don't yet recognise the newer elements (I recognised that em and strong elements aren't know after completing the html and css but I've still put in the arias to allow for 'title' and 'author' to be placed in dl, dd, and dt tags instead.)

Browser compatibility

Following are examples where I've taken steps to achieve cross browser compatibility and others where I noted differences that I could not correct. The browsers I tested for were IE, Fx and Chrome (GC).

Logo and images in Book page

Because I wished for the site logo never to wrap, I've had to deal with continues resizing the logo/changing the background image as the screen is adjusted, which I've fairly managed to achieve both on desktop and from my mobile device, on all 3 browsers. (Although, when the browser is minimized to the minimum as well as when browsing from a mobile device, I've noticed that IE v.11, when the screen is small, the logo image is slightly touching the text of the second line).

I've had remove content-justify: centre; from bookpageimgs div in the book page (for most of the screen width) and set figurcaption p as position: absolute, thereby forcing the caption to appear on top of the photo rather than beneath the image as a quick fix in order to have the images have equal padding from both ends also in IE 11. Still, the images do not shrink fully in IE, when browser is minimized to its smallest.

Conditional Shiv Comment

I've included a display:block statement in css to account for the unknown elements to IE together with the IF statement in the html files and a JV folder and file.

Internet Explorer versions

When testing with http://netrenderer.com/ On IE 10, everything seems normal apart from the Video on front page that doesn't fully shrink and equal up with section above and below it, the 'book description' headers and text on 19th page do not float around their photo and 'form' labels remain in the side when screen is minimized.

In IE 9, the logo background image is already missing and in version 8, the logo is completely shrieked to ordinary letters, sitting underneath headerlinks. Also the border radius isn't functioning and navigational elements do not float as they should and In v.6, the images jump out of their container.

Firefox

In Fx, the opposite happens, when the screen shrinks, the video shrinks smaller than the components above and below

But as far as realistically possible, for bigger screen widths, these shortcomings are not apparent.