Both [Sass](https://sass-lang.com/) and [Less](http://lesscss.org/) are CSS preprocessors.

Sass uses Ruby whereas Less uses Javascript. There are syntactical differences, for example, Sass uses $ for variables whereas less uses @.  
There are some slightly more subjective differences, [this website](https://www.thebalancecareers.com/sass-vs-less-2071912) claims that "LESS Has More User-Friendly Documentation Than Sass", however personally I have found the Sass documentation and examples very easy to use.

Both Sass and Less have very similar features. Sass uses Ruby whereas Less uses Javascript. There are syntactical differences, for example, Sass uses $ for variables whereas less uses @.  
There are some slightly more subjective differences, [this website](https://www.thebalancecareers.com/sass-vs-less-2071912) claims that "LESS Has More User-Friendly Documentation Than Sass

**SCSS** and **LESS** are both "supersets" of vanilla **CSS**. That means valid CSS is automatically also valid SCSS and LESS, but not necessarily the other way around.

The difference between SCSS and LESS is that they have a different syntax. They mostly have the same functionalities.