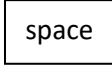


## IntelliJ shortcuts

|                               |                           |
|-------------------------------|---------------------------|
| Ctrl + click                  | Go to code/implementation |
| Alt + Enter                   | Generate code/solve issue |
| Ctrl + D                      | Duplicate line            |
| Ctrl + Shift + cursor down/up | Move line up and down     |
| Ctrl + Y                      | Delete complete line      |
| Shift + F6                    | Rename                    |
| Ctrl + Alt + L                | Format code               |
| Alt + drag mouse              | Select text in block      |
| Ctrl + /                      | Comment out/in row        |

## CSS selectors

| HTML  | Selector  |
|---|---|
| <pre>&lt;div class="example_name"&gt; ... &lt;/div&gt;</pre>  | <code>.example_name</code><br><code>[class='example_name']</code>   |
| <pre>&lt;div id="example_name"&gt; ... &lt;/div&gt;</pre>   | <code>#example_name</code>  |
| <pre>&lt;div id="example_name"&gt; ... &lt;/div&gt;</pre>   | <code>[id='example_name']</code>                                    |
| <pre>&lt;div attribute="value"&gt; ... &lt;/div&gt;</pre>   | <code>[attribute='value']</code>                                    |
| <pre>&lt;div anything="example_name"&gt; ... &lt;/div&gt;</pre>   | <code>[anything='example_name']</code>                              |
| <pre>&lt;img title="example test abc"&gt; ... &lt;/img&gt;</pre>  | <code>[title~='test']</code><br><div>↑<br/>Contains the word</div>  |
| <pre>&lt;a href="http://www.google.com"&gt; ... &lt;/a&gt;</pre>  | <code>[href^='http']</code><br><div>↑<br/>Starts with</div>         |
| <pre>&lt;a href="http://www.google.com"&gt; ... &lt;/a&gt;</pre>  | <code>[href\$='.com']</code><br><div>↑<br/>Ends with</div>          |
| <pre>&lt;div class="example_name"&gt;   &lt;div class="example_child"&gt;     ...   &lt;/div&gt; &lt;/div&gt;</pre> | <code>.example_name .example_child</code><br><div>↑<br/>space</div> |

|   |  |
|---|--|
| <pre>&lt;div class="example_name"&gt;   &lt;div class="example_child"&gt;     &lt;div class="example_deep"&gt;       ...     &lt;/div&gt;   &lt;/div&gt; &lt;/div&gt;</pre> | <pre>.example_name .example_deep</pre>                            |
| <pre>&lt;div class="example_name" id="id1"&gt;   ... &lt;/div&gt;</pre>   | <pre>.example_name#id1</pre> <p>(remark: if one html element has more attributes, you can combine them by putting them together without a space)</p> |

Find elements:

```
browser.findElement(By.cssSelector("this is my selector, got from ccs selector helper"));
```

This returns a WebElement. On a web element you can perform most interactions:

```
browser.findElement(By.cssSelector("selectorString")).click();
```

or save first as WebElement;

```
WebElement myOwnGivenName = driver.findElement(By.cssSelector("selectorString"));
```

|  |  |
|--|--|
| <code>myOwnGivenName.click()</code>  |  |
| <code>myOwnGivenName.sendKeys("text to put in input field")</code>         |  |
| <code>myOwnGivenName.clear()</code>  | To clear input field   |
| <code>myOwnGivenName.getText()</code>                                      | To get text from item  |
| <code>myOwnGivenName.getAttribute("value");</code>                         | Get text from attribute field (you need to use the name of the attribute as "value") |
| <code>myOwnGivenName.isDisplayed()</code>                                  | Is true if WebElement is displayed   |
| <code>myOwnGivenName.findElement(By.cssSelector("selectorString"));</code> | You can look into an existing element for a subelement.                              |

## Select button based on its text

```
List<WebElement> myListOfElements = driver.findElements(By.cssSelector("selector that has more matching nodes"));
for(WebElement mySingleElement: myListOfElements){
    if(mySingleElement.getText().equals("this text")){
        mySingleElement.click();
        break;
    }
}
```

**List and for loop**

```
WebElement myIFrame = driver.findElement(By.cssSelector("selector of iframe"));
driver.switchTo().frame(myIFrame);

//    and switch back
driver.switchTo().defaultContent();
```

**Switch to iframe**

```
import org.openqa.selenium.Cookie;

Cookie myNiceCookieName = new Cookie("keyOfCookie", "valueOfCookie");
driver.manage().addCookie(myNiceCookieName);
```

**Add cookie**