



Clear fix

There are a number of way to fix the issue when all the content within a element are floated.

Adding Height

The most basic way to fix the issue is to add a height to the parent element.

```
<style>
  ul {
    height: 25px;
  }
  li {
    float: left;
    list-style:none;
  }
</style>
<ul>
  <li>Nav Item 1</li>
  <li>Nav Item 2</li>
  <li>Nav Item 3</li>
  <li>Nav Item 4</li>
</ul>
```

Good	Bad
it works	not flexible
	hard to know what he correct height is.



Overflow

Adding overflow: hidden or overflow: auto will adjust the way the content is displayed. This will force a height.

```
<style>
  ul {
    overflow: hidden;
  }
  li {
    float: left;
    list-style: none;
  }
</style>
<ul>
  <li>Nav Item 1</li>
  <li>Nav Item 2</li>
  <li>Nav Item 3</li>
  <li>Nav Item 4</li>
</ul>
```

Good	Bad
it works	No logical connection between overflow and float



Extra Div

Since we know that adding a `clear: both;` to an element will stop to clear. We can add a new element after the last floated element and add a `clear` to it. Since the element is after and cleared it will “pin” the background down.

```
<style>
  li {
    float: left;
    list-style:none;
  }
  .clear {
    clear: both;
  }
</style>
<nav>
  <ul>
    <li>Nav Item 1</li>
    <li>Nav Item 2</li>
    <li>Nav Item 3</li>
    <li>Nav Item 4</li>
  </ul>
  <div class="clear"></div>
</nav>
```

Good	Bad
it works	Bad to add element that has not content purpose



Clear Fix

The idea of the extra <div></div> is a good one the only problem is we do not like to add extra markup that has no content need. CSS3 gives all elements an extra element before and after. By using the :after pseudo element you can add an “element” can clear that.

```
<style>
  ul:after {
    content: "";
    display: block;
    clear: both;
  }
  li {
    float: left;
    list-style:none;
  }
</style>

<ul>
  <li>Nav Item 1</li>
  <li>Nav Item 2</li>
  <li>Nav Item 3</li>
  <li>Nav Item 4</li>
</ul>
```

Note: when working with the pseudo element you need to add content: ""; and it is an **inline** element by default.

Good	Bad
it works	Lack of older browser support. IE8 and below