FOREGROUND COLOR

CSS

```
h1 {
  color: DarkCyan;}

h2 {
  color: #ee4e80;}

p {
  color: rgb(100, 100, 90);}
```

RESULT

Marine Biology

The Composition of Seawater

Almost anything can be found in seawater. This includes dissolved materials from Earth's crust as well as materials released from organisms. The most important components of seawater that influence life forms are salinity, temperature, dissolved gases (mostly oxygen and carbon dioxide), nutrients, and pH. These elements vary in their composition as well as in their influence on marine life.

BACKGROUND COLOR

CSS

```
body {
  background-color: rgb(200,200,200);}

h1 {
  background-color: DarkCyan;}

h2 {
  background-color: #ee3e80;}

p {
  background-color: white;}
```

RESULT

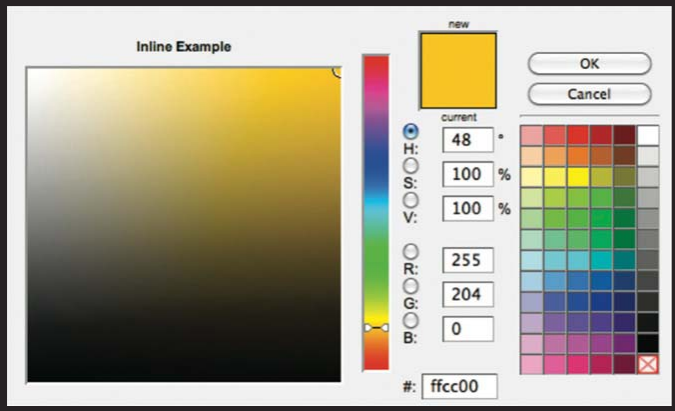
Marine Biology

The Composition of Seawater

Almost anything can be found in seawater. This includes dissolved materials from Earth's crust as well as materials released from organisms. The most important components of seawater that influence life forms are salinity, temperature, dissolved gases (mostly oxygen and carbon dioxide), nutrients, and pH. These elements vary in their composition as well as in their influence on marine life.

UNDERSTANDING COLOR

UNDERSTANDING COLOR



VALUES

RGB VALUES	HEX CODES	COLOR NAMES
rgb(102,205,170)	#66cdaa	mediumAquaMarine

HUE	SATURATION	BRIGHTNESS

CONTRAST

LOW CONTRAST

HIGH CONTRAST

MEDIUM CONTRAST

If text is reversed out (a light color on a dark background) increase contrast and line height.

CSS3: OPACITY

CSS

```
p.one {
  background-color: rgb(0,0,0);
  opacity: 0.5;
  padding: 10px;}

p.two {
  background-color: rgb(0,0,0);
  background-color: rgba(0,0,0,0.5);}
```

CSS3: OPACITY

CSS

```
p.one {
  background-color: rgb(0,0,0);
  opacity: 0.5;
  padding: 10px;}

p.two {
  background-color: rgb(0,0,0);
  background-color: rgba(0,0,0,0.5);}
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CSS3: OPACITY

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p.one {
  background-color: rgb(0,0,0);
  opacity: 0.5;
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p.two {
  background-color: rgb(0,0,0);
  background-color: rgba(0,0,0,0.5);}
```
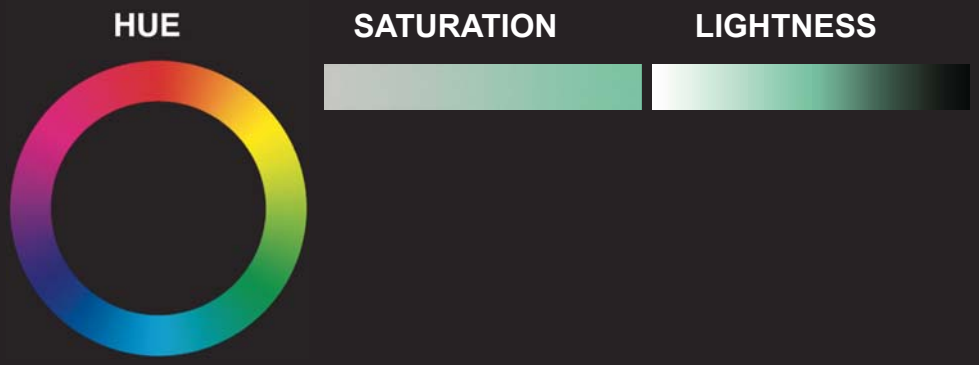

RESULT

CSS3: HSL COLORS

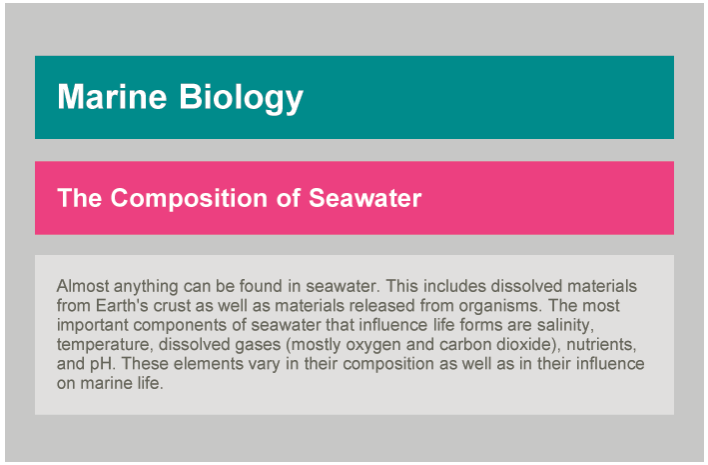


CSS3: HSL & HSLA

CSS

```
body {
 background-color: #C8C8C8;
 background-color: hsl(0,0.0%, 78%);}

p {
 background-color: #ffffff;
 background-color: hsla(0,100%,100%,0.5);}
```

RESULT



SUMMARY

Color not only brings your site to life, but also helps convey the mood and evokes reactions.

SUMMARY

There are three ways to specify colors in CSS: RGB values, hex codes, and color names.

SUMMARY

Color pickers can help you find the color you want.

SUMMARY

Ensure that there is enough contrast between any text and the background color (or people will not be able to read your content).

SUMMARY

CSS3 has introduced an extra value for RGB colors to indicate opacity. It is known as RGBA.

SUMMARY

CSS3 also allows you to specify colors as HSL values, with an optional opacity value. It is known as HSLA.