

Converting Colors

RGB(109, 233, 198)

Have a look what the booklet for
RGB(109, 233, 198) contains.

RGB(109, 233, 198)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(109, 233, 198)

Conversions

Conversions Part 1

Format	Color
Hex	6DE9C6
RGB	109, 233, 198
RGB Percent	43%, 91%, 78%
CMY	0.5725, 0.0863, 0.2235
CMYK	0.53, 0.00, 0.15, 0.09
HSL	163°, 74%, 67%
HSV	163°, 53%, 91%
XYZ	45.6386, 65.6063, 63.6839
YIQ	191.9340, -62.6690, -37.1730

Conversions

Conversions Part 2

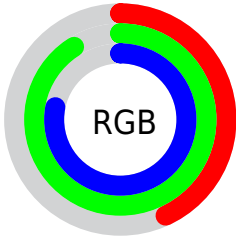
Format	Color
RYB	109, 181, 233
Decimal	7203270
CIELab	84.80, -42.93, 6.53
CIELCh	85, 43.423, 171.355
Yxy	65.6063, 0.2609, 0.3750
Android (android.graphics.Color)	4285393350 (0xFF6DE9C6)
YUV	191.9340, 2.9905, -72.7331
Hunter-Lab	80.9977, -41.1691, 10.0820

Details

The RGB color **109, 233, 198** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **233, 109, 144**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **168, 255, 255**, and **42, 177, 144** is the 20% darker color. If you saturate the color by 10%, you get **86, 233, 191**, and if you desaturate by 10%, it is **132, 233, 205**.

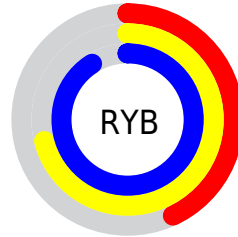
Distribution



Red (43%)

Green (91%)

Blue (78%)



Red (43%)

Yellow (71%)

Blue (91%)

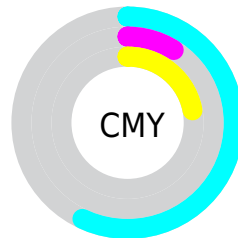


Cyan (53%)

Magenta (0%)

Yellow (15%)

Black (9%)



Cyan (57%)

Magenta (9%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 109, 233, 198 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 109, 233, 198 by changing the saturation by 10% instead.


 109, 233, 198

 109, 233, 198

255, 255, 255

 78, 204, 171


 168, 255, 255


 42, 177, 144

 198, 255, 255

 0, 149, 119

 228, 255, 255

 0, 123, 94

 0, 97, 70

 0, 73, 48

 0, 49, 27

 0, 25, 1

 0, 0, 0

■ 109, 233, 198

■ 109, 233, 198

■ 86, 233, 191

■ 132, 233, 205

■ 62, 233, 185

■ 156, 233, 211

■ 39, 233, 178

■ 179, 233, 218

■ 16, 233, 172

■ 202, 233, 224

■ 0, 233, 167

■ 226, 233, 231

■ 249, 233, 237

■ 255, 233, 244

■ 255, 233, 251

■ 255, 233, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162, 228, 159



109, 233, 198



54, 233, 240

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



109, 233, 198



199, 205, 255



255, 191, 149

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



109, 233, 198



233, 109, 144

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 181, 184



109, 233, 198



252, 191, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



109, 233, 198



132, 219, 255



255, 181, 225



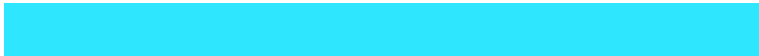
250, 205, 130

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



109, 233, 198



46, 231, 255



255, 181, 225



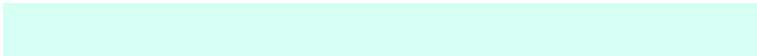
255, 187, 159

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



109, 233, 198



214, 255, 243



144, 233, 109



103, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



109, 233, 198



92, 255, 209



109, 206, 233



106, 117, 114



0, 181, 130



0, 54, 38

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



233, 109, 144



255, 92, 138



233, 136, 109



117, 106, 109



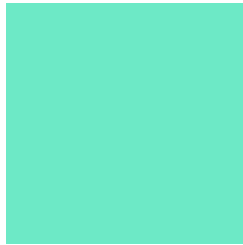
181, 0, 51



54, 0, 15

Previews

White Background



This preview shows how the RGB color 109, 233, 198 looks on a white background.

Color Contrast Check

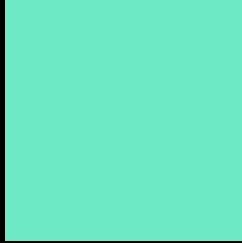
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 109, 233, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

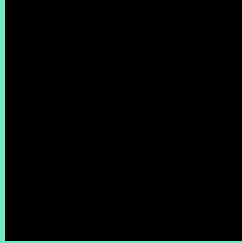
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

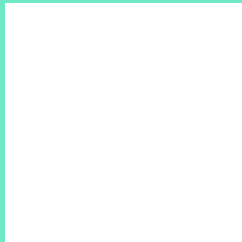
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 109, 233, 198 Background



This preview shows how black text looks on a background with the RGB color 109, 233, 198.

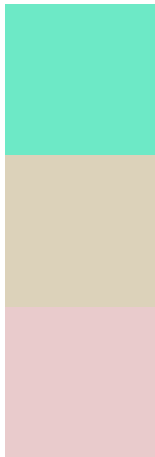


This preview shows how white text looks on a background with the RGB color 109, 233, 198.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
109, 233, 198

Protanopia
220, 210, 186

Deuteranopia
233, 203, 204



Tritanopia
124, 226, 245

Trichromacy



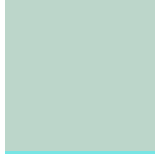
Original Color

109, 233, 198



Protanomaly

180, 218, 190



Deuteranomaly

188, 214, 202



Tritanomaly

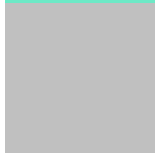
119, 229, 228

Monochromacy



Original Color

109, 233, 198



Achromatopsia

192, 192, 192



Achromatomaly

162, 207, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 109, 233, 198 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(109, 233, 198)` looks like.

```
.text, #text, p{  
    color:rgb(109, 233, 198)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(109, 233, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 233, 198) }
```

Border

The CSS property to change the border of an element to RGB 109, 233, 198 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 233, 198) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(109, 233, 198) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(109, 233, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 233, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 233, 198);  
box-shadow:4px 4px 4px 4px rgb(109, 233,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 109, 233, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 233, 198) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(109,  
233, 198) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor