

Converting Colors

RGB(100, 209, 198)

Have a look what the booklet for
RGB(100, 209, 198) contains.

RGB(100, 209, 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(100, 209, 198)

Conversions

Conversions Part 1

Format	Color
Hex	64D1C6
RGB	100, 209, 198
RGB Percent	39%, 82%, 78%
CMY	0.6078, 0.1804, 0.2235
CMYK	0.52, 0.00, 0.05, 0.18
HSL	174°, 54%, 61%
HSV	174°, 52%, 82%
XYZ	38.2490, 52.3875, 61.5219
YIQ	175.1550, -61.4330, -26.5290

Conversions

Conversions Part 2

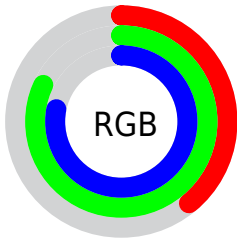
Format	Color
RYB	100, 157, 209
Decimal	6607302
CIELab	77.51, -33.92, -4.12
CIELCh	78, 34.172, 186.918
Yxy	52.3875, 0.2514, 0.3443
Android (android.graphics.Color)	4284797382 (0xFF64D1C6)
YUV	175.1550, 11.2626, -65.9109
Hunter-Lab	72.3792, -32.3346, 0.2692

Details

The RGB color **100, 209, 198** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **209, 100, 111**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **159, 255, 255**, and **32, 154, 144** is the 20% darker color. If you saturate the color by 10%, you get **79, 209, 196**, and if you desaturate by 10%, it is **121, 209, 200**.

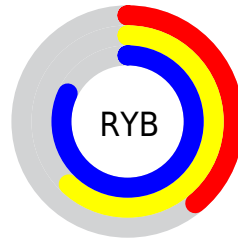
Distribution



Red (39%)

Green (82%)

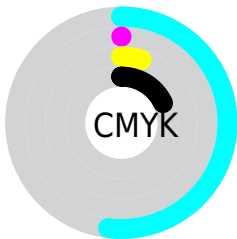
Blue (78%)



Red (39%)

Yellow (62%)

Blue (82%)

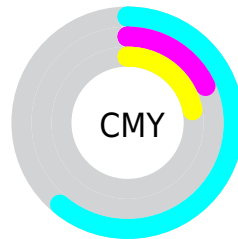


Cyan (52%)

Magenta (0%)

Yellow (5%)

Black (18%)



Cyan (61%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 100, 209, 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 100, 209, 198 by changing the saturation by 10% instead.

 100, 209, 198

255, 255, 255


 159, 255, 255


 188, 255, 255

 217, 255, 255


 247, 255, 255

 100, 209, 198

 69, 181, 171

 32, 154, 144

 0, 128, 119

 0, 102, 94

 0, 77, 70

 0, 54, 48

 0, 34, 27

 0, 0, 0

 100, 209, 198

 100, 209, 198

 79, 209, 196

 121, 209, 200

 58, 209, 194

 142, 209, 202

 37, 209, 192

 163, 209, 204

 16, 209, 190

 184, 209, 206

 0, 209, 188

 205, 209, 209

 225, 209, 211

 246, 209, 213

 255, 209, 215

 255, 209, 217

Harmonies

Analogous

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



134, 207, 166



100, 209, 198



87, 207, 228

Triad

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



100, 209, 198



205, 181, 242



234, 181, 134

Complementary

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



100, 209, 198



209, 100, 111

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.



252, 172, 155



100, 209, 198



238, 171, 217

Square

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



100, 209, 198



160, 192, 254



254, 168, 185



206, 192, 128

Rectangle

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



100, 209, 198



101, 204, 244



254, 168, 185



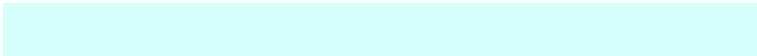
242, 178, 140

Sweetspot

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



100, 209, 198



214, 255, 251



113, 209, 100



103, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



100, 209, 198



94, 255, 239



100, 167, 209



94, 105, 103



0, 168, 151



0, 41, 37

Inverse Universe

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



209, 100, 111



255, 94, 111



209, 142, 100



105, 94, 95



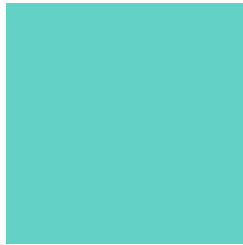
168, 0, 17



41, 0, 4

Previews

White Background



This preview shows how the RGB color 100, 209, 198 looks on a white background.

Color Contrast Check

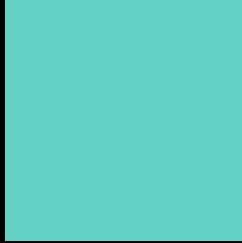
Large Text (above 18pt) WCAG AA × Fail

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 100, 209, 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

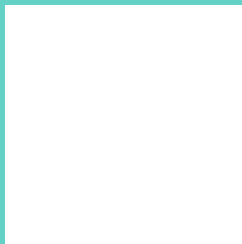
Any Text WCAG AAA ✓ Pass

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

RGB 100, 209, 198 Background



This preview shows how black text looks on a background with the RGB color 100, 209, 198.

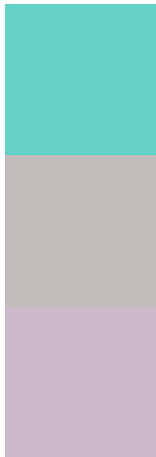


This preview shows how white text looks on a background with the RGB color 100, 209, 198.

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](#).

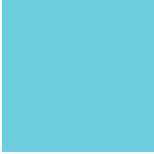
Dichromacy



Original Color
100, 209, 198

Protanopia
194, 189, 187

Deuteranopia
203, 185, 203



Tritanopia
108, 205, 222

Trichromacy



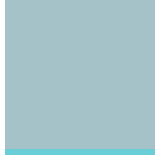
Original Color

100, 209, 198



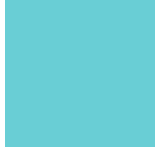
Protanomaly

160, 196, 191



Deuteranomaly

166, 194, 201



Tritanomaly

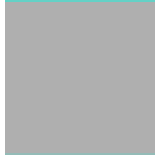
105, 206, 213

Monochromacy



Original Color

100, 209, 198



Achromatopsia

175, 175, 175



Achromatomaly

148, 187, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 100, 209, 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(100, 209, 198)` looks like.

```
.text, #text, p{  
    color:rgb(100, 209, 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(100, 209, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 209, 198) }
```

Border

The CSS property to change the border of an element to RGB 100, 209, 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(100, 209, 198) }
```

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

```
.border{ border-color:rgb(100, 209, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 209, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 209, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 209, 198);  
box-shadow:4px 4px 4px 4px rgb(100, 209,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 100, 209, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 209, 198) }
```

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

```
.background{ background-color: rgb(100,  
209, 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](#).

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