

Converting Colors

RGB(101, 223, 212)

Have a look what the booklet for
RGB(101, 223, 212) contains.

RGB(101, 223, 212)	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(101, 223, 212)

Conversions

Conversions Part 1

Format	Color
Hex	65DFD4
RGB	101, 223, 212
RGB Percent	40%, 87%, 83%
CMY	0.6039, 0.1255, 0.1686
CMYK	0.55, 0.00, 0.05, 0.13
HSL	175°, 66%, 64%
HSV	175°, 55%, 87%
XYZ	43.6382, 60.2955, 71.6256
YIQ	185.2680, -69.1810, -29.2850

Conversions

Conversions Part 2

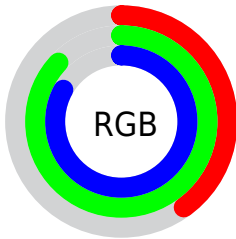
Format	Color
RYB	101, 165, 223
Decimal	6676436
CIELab	82.00, -36.68, -4.98
CIELCh	82, 37.017, 187.727
Yxy	60.2955, 0.2486, 0.3434
Android (android.graphics.Color)	4284866516 (0xFF65DFD4)
YUV	185.2680, 13.1789, -73.9030
Hunter-Lab	77.6502, -35.5737, -0.3348

Details

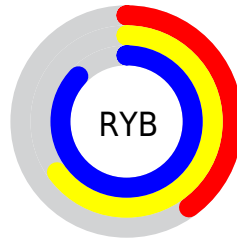
The RGB color **101, 223, 212** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **223, 101, 112**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **161, 255, 255**, and **27, 167, 158** is the 20% darker color. If you saturate the color by 10%, you get **79, 223, 210**, and if you desaturate by 10%, it is **123, 223, 214**.

Distribution



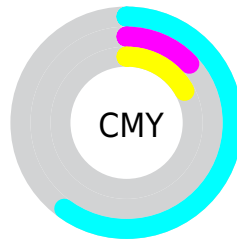
- Red (40%)
- Green (87%)
- Blue (83%)



- Red (40%)
- Yellow (65%)
- Blue (87%)



- Cyan (55%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (60%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 101, 223, 212 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 101, 223, 212 by changing the saturation by 10% instead.

 101, 223, 212

255, 255, 255


 161, 255, 255


 191, 255, 255

 221, 255, 255


 251, 255, 255


 101, 223, 212

 69, 195, 184

 27, 167, 158


 0, 140, 131

 0, 114, 106

 0, 89, 82

 0, 65, 59

 0, 43, 38

 0, 14, 17

 0, 0, 0

■ 101, 223, 212

■ 101, 223, 212

■ 79, 223, 210

■ 123, 223, 214

■ 56, 223, 208

■ 146, 223, 216

■ 34, 223, 206

■ 168, 223, 218

■ 12, 223, 204

■ 190, 223, 220

■ 0, 223, 203

■ 212, 223, 222

■ 235, 223, 224

■ 255, 223, 226

■ 255, 223, 228

■ 255, 223, 230

Harmonies

Analogous

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



140, 221, 176



101, 223, 212



86, 221, 245

Triad

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



101, 223, 212



220, 192, 255



250, 193, 140

Complementary

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



101, 223, 212



223, 101, 112

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, 182, 163



101, 223, 212



255, 181, 231

Square

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



101, 223, 212



171, 204, 255



255, 178, 196



219, 205, 135

Rectangle

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



101, 223, 212



103, 217, 255



255, 178, 196



255, 189, 146

Sweetspot

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



101, 223, 212



214, 255, 251



113, 223, 101



103, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



101, 223, 212



87, 255, 240



101, 174, 223



101, 112, 111



0, 176, 160



0, 48, 44

Inverse Universe

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



223, 101, 112



255, 87, 102



223, 150, 101



112, 101, 102



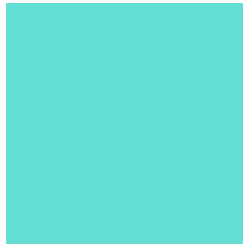
176, 0, 16



48, 0, 4

Previews

White Background



This preview shows how the RGB color 101, 223, 212 looks on a white background.

Color Contrast Check

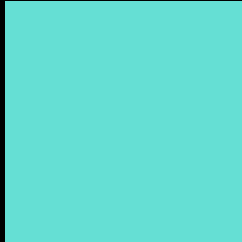
Large Text (above 18pt) WCAG AA × Fail

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 101, 223, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

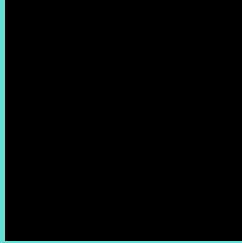
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

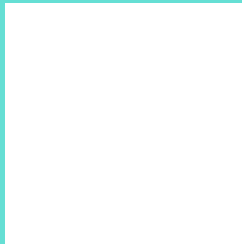
Any Text WCAG AAA ✓ Pass

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

RGB 101, 223, 212 Background



This preview shows how black text looks on a background with the RGB color 101, 223, 212.

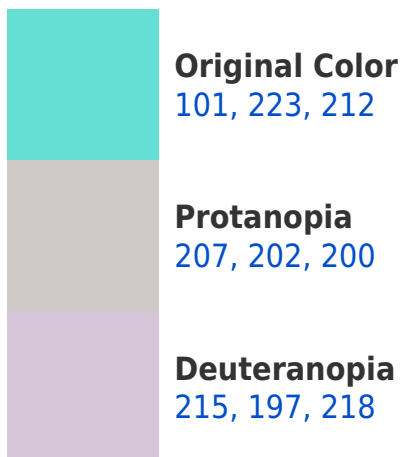


This preview shows how white text looks on a background with the RGB color 101, 223, 212.

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





Tritanopia
110, 219, 237

Trichromacy



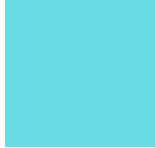
Original Color
101, 223, 212



Protanomaly
168, 210, 204



Deuteranomaly
174, 206, 216

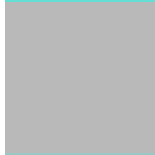


Tritanomaly
107, 220, 228

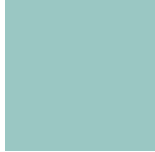
Monochromacy



Original Color
101, 223, 212



Achromatopsia
185, 185, 185



Achromatomaly
154, 199, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 101, 223, 212 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(101, 223, 212)` looks like.

```
.text, #text, p{  
    color:rgb(101, 223, 212)  
}
```

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(101, 223, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 223, 212) }
```

Border

The CSS property to change the border of an element to RGB 101, 223, 212 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(101, 223, 212) }
```

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

```
.border{ border-color:rgb(101, 223, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 223, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 223, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 223, 212);  
box-shadow:4px 4px 4px 4px rgb(101, 223,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 101, 223, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 223, 212) }
```

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

```
.background{ background-color: rgb(101,  
223, 212) }
```

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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