

Converting Colors

RGB(103, 206, 171)

Have a look what the booklet for
RGB(103, 206, 171) contains.

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Color

RGB(103, 206, 171)

Conversions

Conversions Part 1

Format	Color
Hex	67CEAB
RGB	103, 206, 171
RGB Percent	40%, 81%, 67%
CMY	0.5961, 0.1922, 0.3294
CMYK	0.50, 0.00, 0.17, 0.19
HSL	160°, 51%, 61%
HSV	160°, 50%, 81%
XYZ	35.0155, 49.9665, 46.3271
YIQ	171.2130, -50.1530, -32.7210

Conversions

Conversions Part 2

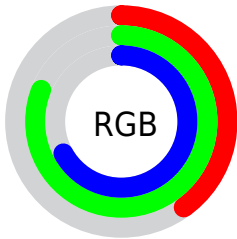
Format	Color
RYB	103, 165, 206
Decimal	6803115
CIELab	76.05, -38.33, 8.28
CIELCh	76, 39.210, 167.811
Yxy	49.9665, 0.2667, 0.3805
Android (android.graphics.Color)	4284993195 (0xFF67CEAB)
YUV	171.2130, -0.1050, -59.8228
Hunter-Lab	70.6870, -35.2804, 10.6232

Details

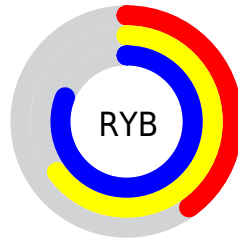
The RGB color **103, 206, 171** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **206, 103, 138**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **160, 255, 226**, and **42, 151, 119** is the 20% darker color. If you saturate the color by 10%, you get **82, 206, 164**, and if you desaturate by 10%, it is **124, 206, 178**.

Distribution



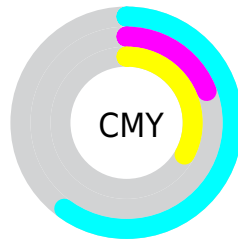
- Red (40%)
- Green (81%)
- Blue (67%)



- Red (40%)
- Yellow (65%)
- Blue (81%)



- Cyan (50%)
- Magenta (0%)
- Yellow (17%)
- Black (19%)



- Cyan (60%)
- Magenta (19%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 206, 171 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 103, 206, 171 by changing the saturation by 10% instead.

 103, 206, 171

255, 255, 255


 160, 255, 226


 189, 255, 255


 218, 255, 255

 248, 255, 255

 103, 206, 171

 74, 178, 144

 42, 151, 119

 0, 125, 94

 0, 99, 70

 0, 74, 48

 0, 51, 27

 0, 29, 1

 0, 0, 0

 103, 206, 171

 103, 206, 171

■ 82, 206, 164

■ 124, 206, 178

■ 62, 206, 157

■ 144, 206, 185

■ 41, 206, 150

■ 165, 206, 192

■ 21, 206, 143

■ 185, 206, 199

■ 0, 206, 136

■ 206, 206, 206

■ 227, 206, 213

■ 247, 206, 220

■ 255, 206, 227

■ 255, 206, 234

Harmonies

Analogous

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



149, 201, 138



103, 206, 171



55, 207, 208

Triad

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



103, 206, 171



170, 184, 255



249, 168, 135

Complementary

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



103, 206, 171



206, 103, 138

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, 160, 167



103, 206, 171



218, 170, 236

Square

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



103, 206, 171



111, 195, 255



249, 161, 204



225, 180, 117

Rectangle

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



103, 206, 171



43, 205, 231



249, 161, 204



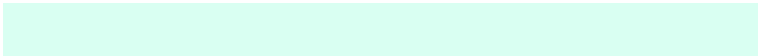
254, 165, 145

Sweetspot

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



103, 206, 171



217, 255, 242



139, 206, 103



105, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



103, 206, 171



102, 255, 203



103, 191, 206



92, 102, 99



0, 166, 109



0, 38, 25

Inverse Universe

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



206, 103, 138



255, 102, 154



206, 118, 103



102, 92, 95



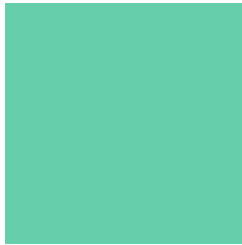
166, 0, 56



38, 0, 13

Previews

White Background



This preview shows how the RGB color 103, 206, 171 looks on a white background.

Color Contrast Check

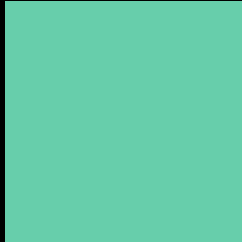
Large Text (above 18pt) WCAG AA × Fail

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 103, 206, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

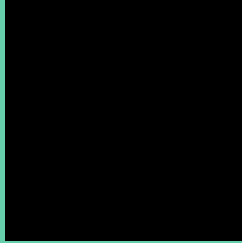
Any Text WCAG AA ✓ Pass

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 103, 206, 171 Background



This preview shows how black text looks on a background with the RGB color 103, 206, 171.

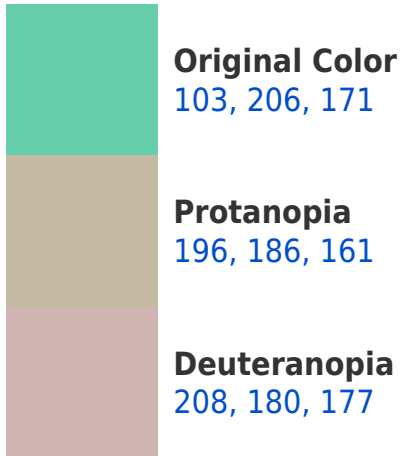


This preview shows how white text looks on a background with the RGB color 103, 206, 171.

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
116, 200, 216

Trichromacy



Original Color

103, 206, 171



Protanomaly

162, 193, 165



Deuteranomaly

170, 189, 175



Tritanomaly

111, 202, 200

Monochromacy



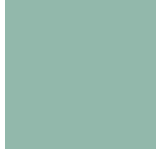
Original Color

103, 206, 171



Achromatopsia

171, 171, 171



Achromatomaly

146, 184, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 206, 171 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(103, 206, 171)` looks like.

```
.text, #text, p{  
    color:rgb(103, 206, 171)  
}
```

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(103, 206, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 206, 171) }
```

Border

The CSS property to change the border of an element to RGB 103, 206, 171 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(103, 206, 171) }
```

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

```
.border{ border-color:rgb(103, 206, 171) }
```

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

Here you see how a box with a 4 pixel rgb(103, 206, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 206, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 206, 171);  
box-shadow:4px 4px 4px 4px rgb(103, 206,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 103, 206, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 206, 171) }
```

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

```
.background{ background-color: rgb(103,  
206, 171) }
```

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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