

Converting Colors

RGB(104, 221, 188)

Have a look what the booklet for
RGB(104, 221, 188) contains.

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Color

RGB(104, 221, 188)

Conversions

Conversions Part 1

Format	Color
Hex	68DDBC
RGB	104, 221, 188
RGB Percent	41%, 87%, 74%
CMY	0.5922, 0.1333, 0.2627
CMYK	0.53, 0.00, 0.15, 0.13
HSL	163°, 63%, 64%
HSV	163°, 53%, 87%
XYZ	40.6425, 58.2868, 56.6853
YIQ	182.2550, -59.1390, -35.0670

Conversions

Conversions Part 2

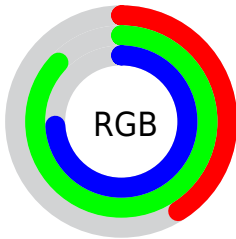
Format	Color
RYB	104, 172, 221
Decimal	6872508
CIELab	80.90, -40.97, 6.17
CIELCh	81, 41.436, 171.431
Yxy	58.2868, 0.2612, 0.3746
Android (android.graphics.Color)	4285062588 (0xFF68DDBC)
YUV	182.2550, 2.8323, -68.6296
Hunter-Lab	76.3458, -38.5812, 9.4203

Details

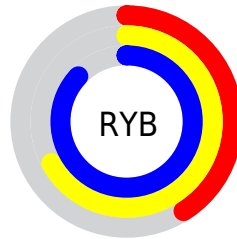
The RGB color **104, 221, 188** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **221, 104, 137**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **163, 255, 244**, and **38, 165, 135** is the 20% darker color. If you saturate the color by 10%, you get **82, 221, 182**, and if you desaturate by 10%, it is **126, 221, 194**.

Distribution



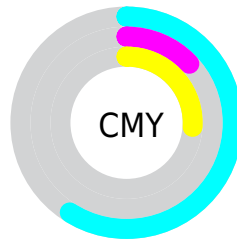
- Red (41%)
- Green (87%)
- Blue (74%)



- Red (41%)
- Yellow (67%)
- Blue (87%)



- Cyan (53%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)



- Cyan (59%)
- Magenta (13%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 221, 188 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 104, 221, 188 by changing the saturation by 10% instead.

 104, 221, 188

255, 255, 255


 163, 255, 244


 192, 255, 255

 222, 255, 255


 252, 255, 255


 104, 221, 188

 73, 193, 161

 38, 165, 135

 0, 138, 110

 0, 112, 85

 0, 87, 62

 0, 63, 40

 0, 41, 20

 0, 6, 0

 0, 0, 0

 104, 221, 188

 104, 221, 188

 82, 221, 182

 126, 221, 194

 60, 221, 176

 148, 221, 200

 38, 221, 169

 170, 221, 207

 16, 221, 163

 192, 221, 213

 0, 221, 159

 215, 221, 219

 237, 221, 225

 255, 221, 232

 255, 221, 238

 255, 221, 244

Harmonies

Analogous

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



154, 216, 151



104, 221, 188



53, 221, 228

Triad

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



104, 221, 188



189, 195, 255



255, 181, 142

Complementary

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



104, 221, 188



221, 104, 137

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, 172, 174



104, 221, 188



239, 181, 250

Square

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



104, 221, 188



126, 208, 255



255, 172, 214



237, 195, 124

Rectangle

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



104, 221, 188



47, 219, 251



255, 172, 214



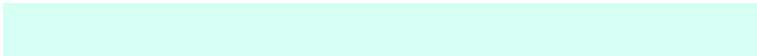
255, 178, 151

Sweetspot

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



104, 221, 188



214, 255, 243



137, 221, 104



103, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



104, 221, 188



92, 255, 209



104, 196, 221



99, 110, 107



0, 173, 124



0, 46, 33

Inverse Universe

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



221, 104, 137



255, 92, 138



221, 129, 104



110, 99, 102



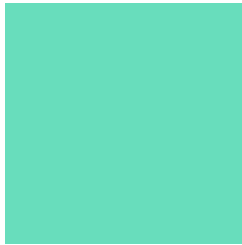
173, 0, 49



46, 0, 13

Previews

White Background



This preview shows how the RGB color 104, 221, 188 looks on a white background.

Color Contrast Check

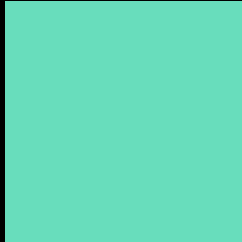
Large Text (above 18pt) WCAG AA × Fail

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 104, 221, 188 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

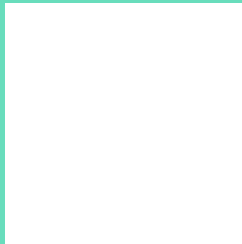
Any Text WCAG AAA ✓ Pass

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

RGB 104, 221, 188 Background



This preview shows how black text looks on a background with the RGB color 104, 221, 188.

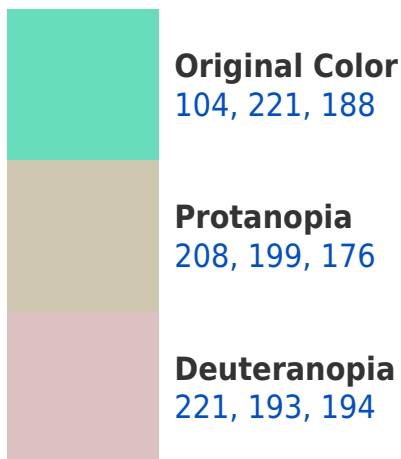


This preview shows how white text looks on a background with the RGB color 104, 221, 188.

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
118, 215, 232

Trichromacy



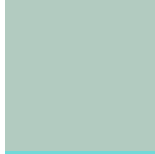
Original Color

104, 221, 188



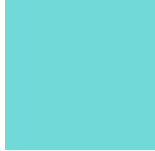
Protanomaly

170, 207, 180



Deuteranomaly

178, 203, 192



Tritanomaly

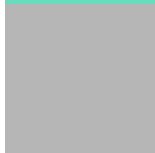
113, 217, 216

Monochromacy



Original Color

104, 221, 188



Achromatopsia

182, 182, 182



Achromatomaly

154, 196, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 221, 188 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(104, 221, 188)` looks like.

```
.text, #text, p{  
    color:rgb(104, 221, 188)  
}
```

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(104, 221, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 221, 188) }
```

Border

The CSS property to change the border of an element to RGB 104, 221, 188 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(104, 221, 188) }
```

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

```
.border{ border-color:rgb(104, 221, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 221, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 221, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 221, 188);  
box-shadow:4px 4px 4px 4px rgb(104, 221,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 104, 221, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 221, 188) }
```

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

```
.background{ background-color: rgb(104,  
221, 188) }
```

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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