

# Converting Colors

RGB(188, 212, 204)

Have a look what the booklet for  
RGB(188, 212, 204) contains.

<b>RGB(188, 212, 204)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(188, 212, 204)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCD4CC
RGB	188, 212, 204
RGB Percent	74%, 83%, 80%
CMY	0.2627, 0.1686, 0.2000
CMYK	0.11, 0.00, 0.04, 0.17
HSL	160°, 22%, 78%
HSV	160°, 11%, 83%
XYZ	55.1816, 62.1380, 66.2122
YIQ	203.9120, -11.7360, -7.5760

# Conversions

## Conversions Part 2

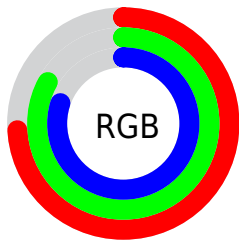
Format	Color
<b>RYB</b>	188, 202, 212
Decimal	12375244
CIELab	82.99, -9.55, 1.22
CIElCh	83, 9.631, 172.697
Yxy	62.1380, 0.3007, 0.3386
Android (android.graphics.Color)	4290565324 (0xFFBCD4CC)
YUV	203.9120, 0.0434, -13.9548
Hunter-Lab	78.8276, -12.9933, 5.3780

# Details

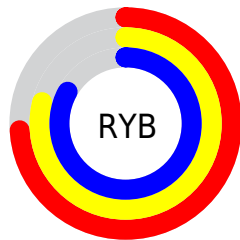
The RGB color **188, 212, 204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **212, 188, 196**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **244, 255, 255**, and **135, 157, 150** is the 20% darker color. If you saturate the color by 10%, you get **167, 212, 197**, and if you desaturate by 10%, it is **209, 212, 211**.

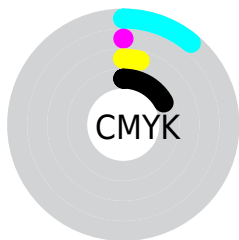
# Distribution



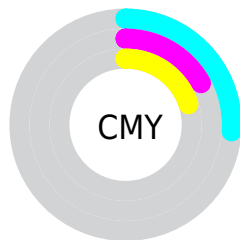
- Red (74%)
- Green (83%)
- Blue (80%)



- Red (74%)
- Yellow (79%)
- Blue (83%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)



- Cyan (26%)
- Magenta (17%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 188, 212, 204 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 188, 212, 204 by changing the saturation by 10% instead.




 188, 212, 204

255, 255, 255

 244, 255, 255


 188, 212, 204

 161, 184, 177


 135, 157, 150

 109, 131, 124

 85, 106, 99

 61, 82, 75

 39, 59, 53

 18, 37, 32

 0, 17, 7

 0, 0, 0

 188, 212, 204

 188, 212, 204

 167, 212, 197

 209, 212, 211

 146, 212, 190

 230, 212, 218

 124, 212, 183

 252, 212, 225

 103, 212, 176

 255, 212, 232

 82, 212, 169

 255, 212, 239

 61, 212, 162

 255, 212, 246

 40, 212, 155

 255, 212, 253

 18, 212, 147

 255, 212, 255

 0, 212, 141

# Harmonies

## Analogous

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



196, 211, 195



188, 212, 204



184, 212, 213

# Triad

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



188, 212, 204



206, 205, 223



224, 203, 193

# Complementary

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



188, 212, 204



212, 188, 196

# 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.



227, 201, 200



188, 212, 204



217, 202, 218

# Square

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



188, 212, 204



195, 208, 224



224, 201, 209



217, 205, 189

# Rectangle

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



188, 212, 204



185, 211, 219



224, 201, 209



225, 202, 195



# Sweetspot

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



188, 212, 204



247, 255, 252



196, 212, 188



122, 128, 126



0, 0, 0



128, 128, 128

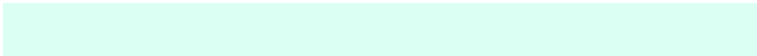


# Same Dimension

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



188, 212, 204



219, 255, 243



188, 208, 212



96, 107, 104



0, 171, 114



0, 43, 29



# Inverse Universe

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



212, 188, 196



255, 219, 231



212, 192, 188



107, 96, 100



171, 0, 57



43, 0, 14



# Previews

## White Background



This preview shows how the RGB color 188, 212, 204 looks on a white background.

## Color Contrast Check

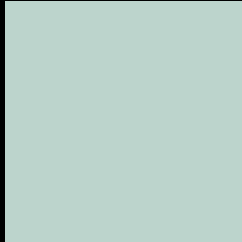
Large Text (above 18pt) WCAG AA × Fail

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 188, 212, 204 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

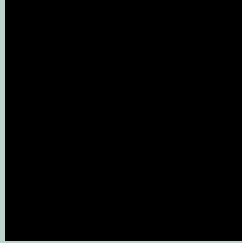
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

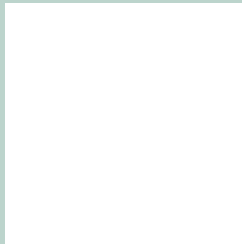
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 188, 212, 204 Background



This preview shows how black text looks on a background with the RGB color 188, 212, 204.

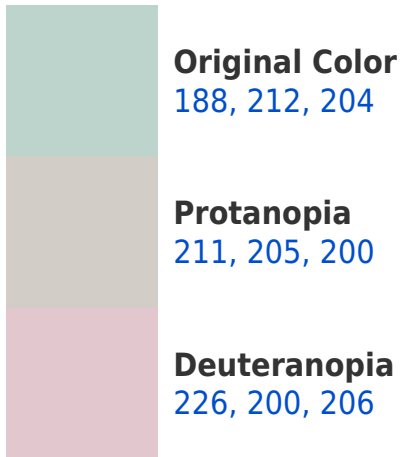


This preview shows how white text looks on a background with the RGB color 188, 212, 204.

# 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](#).

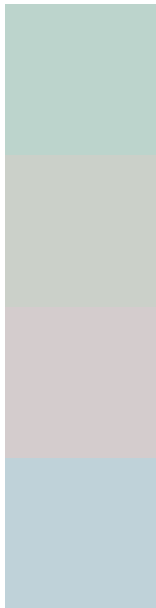
## Dichromacy





**Tritanopia**  
192, 209, 225

# Trichromacy



**Original Color**

188, 212, 204

**Protanomaly**

203, 208, 201

**Deuteranomaly**

212, 204, 205

**Tritanomaly**

191, 210, 217

# Monochromacy



**Original Color**

188, 212, 204

**Achromatopsia**

204, 204, 204

**Achromatomaly**

198, 207, 204

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 188, 212, 204 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(188, 212, 204)` looks like.

```
.text, #text, p{  
    color:rgb(188, 212, 204)  
}
```

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(188, 212, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 212, 204) }
```

## Border

The CSS property to change the border of an element to RGB 188, 212, 204 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(188, 212, 204) }
```

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

```
.border{ border-color:rgb(188, 212, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 212, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 212, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 212, 204);  
box-shadow:4px 4px 4px 4px rgb(188, 212,  
204) }
```

# Background

The CSS property to change the background color of an element to RGB 188, 212, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 212, 204) }
```

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

```
.background{ background-color: rgb(188,  
212, 204) }
```

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