

# Converting Colors

RGB(189, 224, 200)

Have a look what the booklet for  
RGB(189, 224, 200) contains.

<b>RGB(189, 224, 200)</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(189, 224, 200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDE0C8
RGB	189, 224, 200
RGB Percent	74%, 88%, 78%
CMY	0.2588, 0.1216, 0.2157
CMYK	0.16, 0.00, 0.11, 0.12
HSL	139°, 36%, 81%
HSV	139°, 16%, 88%
XYZ	58.0672, 68.3003, 64.7664
YIQ	210.7990, -13.1560, -14.8840

# Conversions

## Conversions Part 2

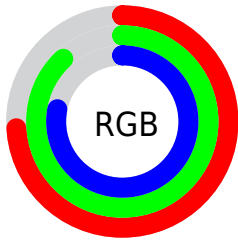
Format	Color
R <sub>YB</sub>	189, 216, 224
Decimal	12443848
CIE Lab	86.16, -16.07, 7.93
CIE LCh	86, 17.918, 153.727
Yxy	68.3003, 0.3038, 0.3573
Android (android.graphics.Color)	4290633928 (0xFFBDE0C8)
YUV	210.7990, -5.3239, -19.1177
Hunter-Lab	82.6440, -19.2094, 11.3864

# Details

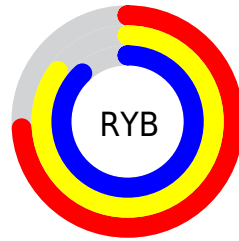
The RGB color **189, 224, 200** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **224, 189, 213**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **246, 255, 255**, and **135, 169, 146** is the 20% darker color. If you saturate the color by 10%, you get **167, 224, 185**, and if you desaturate by 10%, it is **211, 224, 215**.

# Distribution



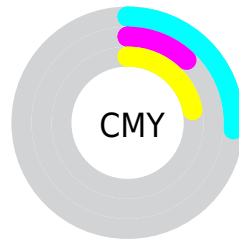
- Red (74%)
- Green (88%)
- Blue (78%)



- Red (74%)
- Yellow (85%)
- Blue (88%)



- Cyan (16%)
- Magenta (0%)
- Yellow (11%)
- Black (12%)



- Cyan (26%)
- Magenta (12%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 189, 224, 200 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 189, 224, 200 by changing the saturation by 10% instead.



 189, 224, 200

255, 255, 255

 246, 255, 255


 189, 224, 200

 162, 196, 173

 135, 169, 146


 110, 142, 120

 85, 117, 96

 61, 92, 72

 38, 68, 49

 16, 46, 28


 0, 26, 2

 0, 0, 0

 189, 224, 200

 189, 224, 200

 167, 224, 185

 211, 224, 215

 144, 224, 169

 234, 224, 231

 122, 224, 154

 255, 224, 246

 99, 224, 139

 255, 224, 255

 77, 224, 123

 55, 224, 108

 32, 224, 92

 10, 224, 77

 0, 224, 70

# Harmonies

## Analogous

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



208, 220, 187



189, 224, 200



175, 226, 217

# Triad

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



189, 224, 200



200, 216, 249



251, 205, 197

# Complementary

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



189, 224, 200



224, 189, 213

# 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.



250, 204, 214



189, 224, 200



221, 211, 244

# Square

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



189, 224, 200



181, 221, 245



240, 206, 231



242, 209, 186

# Rectangle

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



189, 224, 200



171, 225, 228



240, 206, 231



252, 204, 203

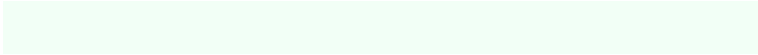


# Sweetspot

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



189, 224, 200



242, 255, 246



214, 224, 189



120, 128, 122



0, 0, 0



128, 128, 128

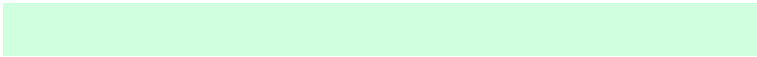


# Same Dimension

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



189, 224, 200



207, 255, 222



189, 224, 217



101, 112, 105



0, 176, 55



0, 48, 15



# Inverse Universe

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



224, 189, 213



255, 207, 240



224, 189, 196



112, 101, 109



176, 0, 121

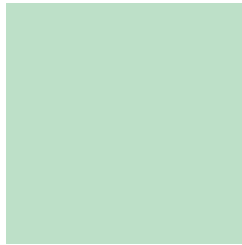


48, 0, 33



# Previews

## White Background



This preview shows how the RGB color 189, 224, 200 looks on a white background.

## Color Contrast Check

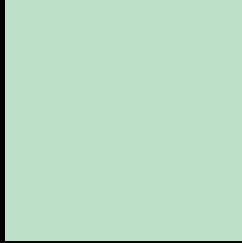
Large Text (above 18pt) WCAG AA × Fail

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 189, 224, 200 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

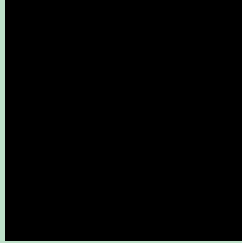
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

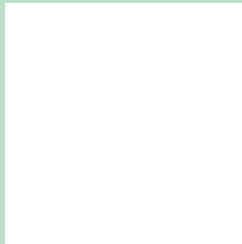
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 189, 224, 200 Background



This preview shows how black text looks on a background with the RGB color 189, 224, 200.

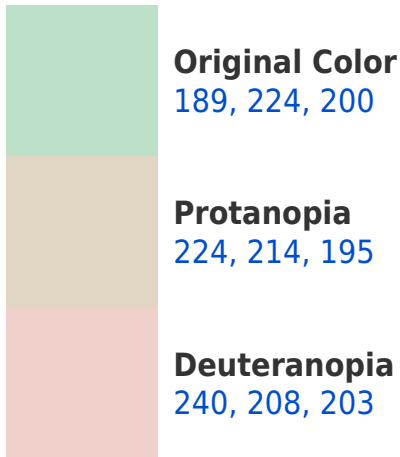


This preview shows how white text looks on a background with the RGB color 189, 224, 200.

# 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





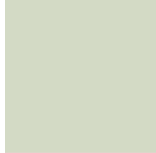
**Tritanopia**  
195, 219, 236

# Trichromacy



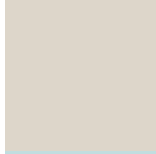
**Original Color**

189, 224, 200



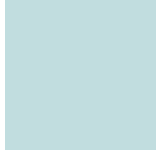
**Protanomaly**

211, 218, 197



**Deuteranomaly**

221, 214, 202



**Tritanomaly**

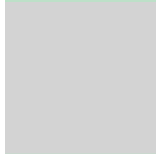
193, 221, 223

# Monochromacy



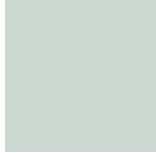
**Original Color**

189, 224, 200



**Achromatopsia**

211, 211, 211



**Achromatomaly**

203, 216, 207

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 189, 224, 200 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(189, 224, 200)` looks like.

```
.text, #text, p{  
    color:rgb(189, 224, 200)  
}
```

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(189, 224, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 224, 200) }
```

## Border

The CSS property to change the border of an element to RGB 189, 224, 200 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(189, 224, 200) }
```

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

```
.border{ border-color:rgb(189, 224, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 224, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 224, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 224, 200);  
box-shadow:4px 4px 4px 4px rgb(189, 224,  
200) }
```

# Background

The CSS property to change the background color of an element to RGB 189, 224, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 224, 200) }
```

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

```
.background{ background-color: rgb(189,  
224, 200) }
```

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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