

Converting Colors

RGB(189, 237, 201)

Have a look what the booklet for
RGB(189, 237, 201) contains.

RGB(189, 237, 201)	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(189, 237, 201)

Conversions

Conversions Part 1

Format	Color
Hex	BDEDC9
RGB	189, 237, 201
RGB Percent	74%, 93%, 79%
CMY	0.2588, 0.0706, 0.2118
CMYK	0.20, 0.00, 0.15, 0.07
HSL	135°, 57%, 84%
HSV	135°, 20%, 93%
XYZ	61.8131, 75.6042, 66.5935
YIQ	218.5440, -17.0520, -21.3720

Conversions

Conversions Part 2

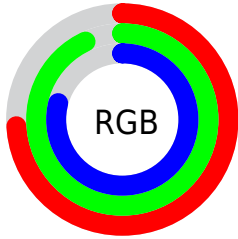
Format	Color
RYB	189, 227, 237
Decimal	12447177
CIELab	89.68, -22.30, 12.43
CIELCh	90, 25.532, 150.863
Yxy	75.6042, 0.3030, 0.3706
Android (android.graphics.Color)	4290637257 (0xFFBDEDC9)
YUV	218.5440, -8.6492, -25.9101
Hunter-Lab	86.9507, -25.2684, 15.4567

Details

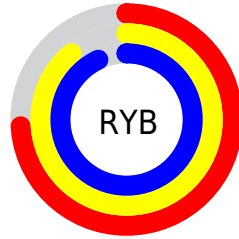
The RGB color **189, 237, 201** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **237, 189, 225**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **246, 255, 255**, and **135, 181, 147** is the 20% darker color. If you saturate the color by 10%, you get **165, 237, 183**, and if you desaturate by 10%, it is **213, 237, 219**.

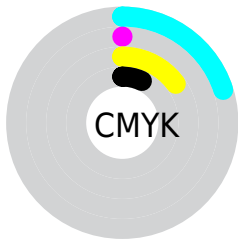
Distribution



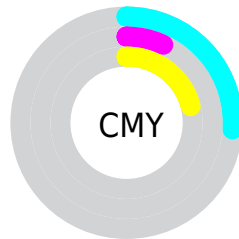
- Red (74%)
- Green (93%)
- Blue (79%)



- Red (74%)
- Yellow (89%)
- Blue (93%)



- Cyan (20%)
- Magenta (0%)
- Yellow (15%)
- Black (7%)



- Cyan (26%)
- Magenta (7%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 237, 201 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, 237, 201 by changing the saturation by 10% instead.

 189, 237, 201

255, 255, 255

 246, 255, 255


 189, 237, 201

 162, 209, 174


 135, 181, 147


 109, 154, 121

 84, 128, 96

 60, 103, 73

 36, 78, 50

 11, 55, 29

 0, 34, 4

 0, 0, 0

 189, 237, 201

 189, 237, 201

 165, 237, 183

 213, 237, 219

 142, 237, 165

 236, 237, 237

 118, 237, 148

 255, 237, 254

 94, 237, 130

 255, 237, 255

 71, 237, 112

 47, 237, 94

 23, 237, 77

 0, 237, 59

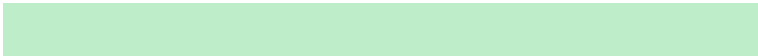
Harmonies

Analogous

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



217, 232, 183



189, 237, 201



166, 239, 225

Triad

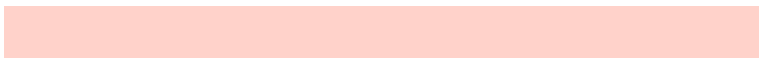
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



189, 237, 201



198, 227, 255



255, 210, 202

Complementary

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



189, 237, 201



237, 189, 225

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, 208, 226



189, 237, 201



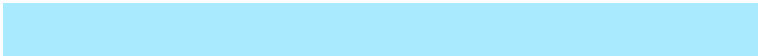
231, 219, 255

Square

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



189, 237, 201



170, 234, 255



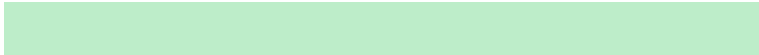
255, 212, 250



255, 216, 184

Rectangle

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



189, 237, 201



159, 239, 242



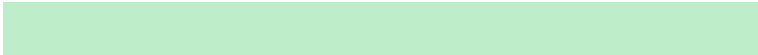
255, 212, 250



255, 209, 209

Sweetspot

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



189, 237, 201



240, 255, 244



225, 237, 189



119, 128, 121



0, 0, 0



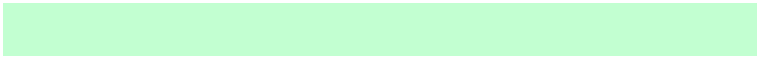
128, 128, 128

Same Dimension

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



189, 237, 201



194, 255, 209



189, 237, 224



106, 117, 109



0, 181, 45



0, 54, 13

Inverse Universe

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



237, 189, 225



255, 194, 240



237, 189, 201



117, 106, 114



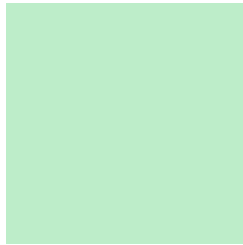
181, 0, 136



54, 0, 40

Previews

White Background



This preview shows how the RGB color 189, 237, 201 looks on a white background.

Color Contrast Check

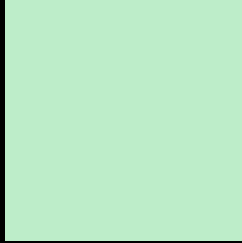
Large Text (above 18pt) WCAG AA × Fail

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, 237, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

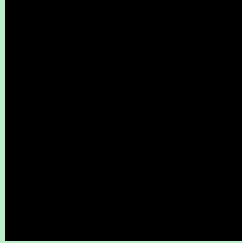
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

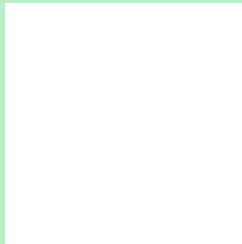
Any Text WCAG AAA ✓ Pass

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

RGB 189, 237, 201 Background



This preview shows how black text looks on a background with the RGB color 189, 237, 201.

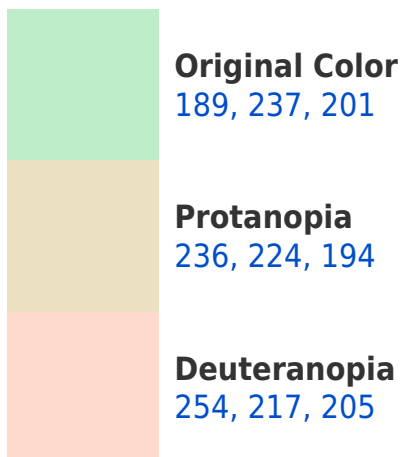


This preview shows how white text looks on a background with the RGB color 189, 237, 201.

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





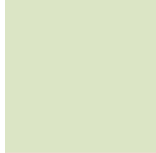
Tritanopia
197, 230, 249

Trichromacy



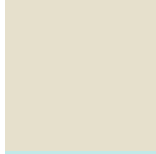
Original Color

189, 237, 201



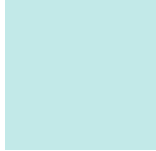
Protanomaly

219, 229, 197



Deuteranomaly

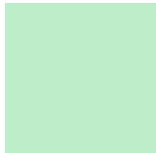
230, 224, 204



Tritanomaly

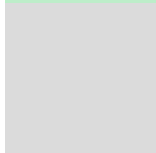
194, 233, 232

Monochromacy



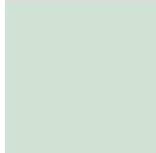
Original Color

189, 237, 201



Achromatopsia

219, 219, 219



Achromatomaly

208, 226, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 237, 201 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, 237, 201)` looks like.

```
.text, #text, p{  
    color:rgb(189, 237, 201)  
}
```

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, 237, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 237, 201) }
```

Border

The CSS property to change the border of an element to RGB 189, 237, 201 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, 237, 201) }
```

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

```
.border{ border-color:rgb(189, 237, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 237, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 237, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 237, 201);  
box-shadow:4px 4px 4px 4px rgb(189, 237,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 189, 237, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 237, 201) }
```

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

```
.background{ background-color: rgb(189,  
237, 201) }
```

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