

Converting Colors

RGB(189, 234, 192)

Have a look what the booklet for
RGB(189, 234, 192) contains.

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Color

RGB(189, 234, 192)

Conversions

Conversions Part 1

Format	Color
Hex	BDEAC0
RGB	189, 234, 192
RGB Percent	74%, 92%, 75%
CMY	0.2588, 0.0824, 0.2471
CMYK	0.19, 0.00, 0.18, 0.08
HSL	124°, 52%, 83%
HSV	124°, 19%, 92%
XYZ	59.9235, 73.4702, 60.8920
YIQ	215.7570, -13.3380, -22.6020

Conversions

Conversions Part 2

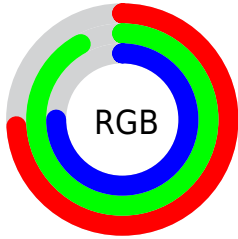
Format	Color
R _{YB}	189, 231, 234
Decimal	12446400
CIE Lab	88.67, -22.43, 15.69
CIE LCh	89, 27.377, 145.031
Yxy	73.4702, 0.3084, 0.3782
Android (android.graphics.Color)	4290636480 (0xFFBDEAC0)
YUV	215.7570, -11.7122, -23.4659
Hunter-Lab	85.7148, -25.2109, 17.8805

Details

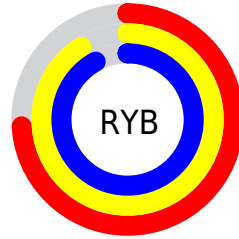
The RGB color **189, 234, 192** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **234, 189, 231**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **246, 255, 248**, and **135, 178, 138** is the 20% darker color. If you saturate the color by 10%, you get **166, 234, 170**, and if you desaturate by 10%, it is **212, 234, 214**.

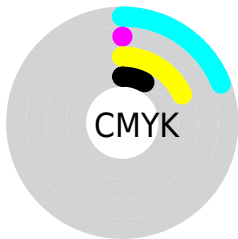
Distribution



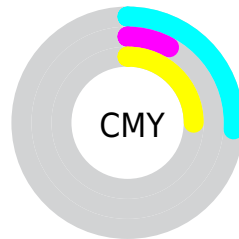
- Red (74%)
- Green (92%)
- Blue (75%)



- Red (74%)
- Yellow (91%)
- Blue (92%)



- Cyan (19%)
- Magenta (0%)
- Yellow (18%)
- Black (8%)



- Cyan (26%)
- Magenta (8%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 234, 192 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, 234, 192 by changing the saturation by 10% instead.

 189, 234, 192


255, 255, 255


 246, 255, 248

 189, 234, 192


 162, 206, 165

 135, 178, 138

 109, 151, 113

 84, 125, 88

 60, 100, 65

 36, 76, 42

 12, 53, 21

 0, 32, 0

 0, 0, 0

 189, 234, 192

 189, 234, 192

 166, 234, 170

 212, 234, 214

 142, 234, 148

 236, 234, 236

 119, 234, 126

 255, 234, 255

 95, 234, 105

 72, 234, 83

 49, 234, 61

 25, 234, 39

 2, 234, 17

 0, 234, 16

Harmonies

Analogous

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



219, 228, 175



189, 234, 192



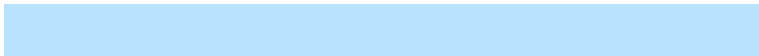
163, 237, 217

Triad

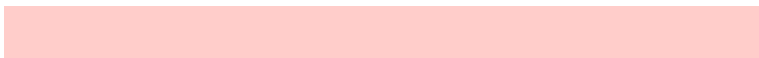
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



189, 234, 192



186, 226, 255



255, 205, 202

Complementary

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



189, 234, 192



234, 189, 231

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, 204, 228



189, 234, 192



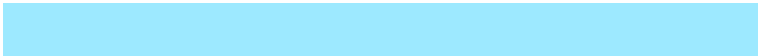
221, 217, 255

Square

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



189, 234, 192



157, 233, 255



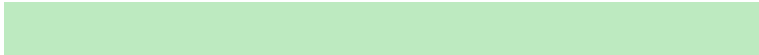
252, 209, 253



255, 211, 181

Rectangle

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



189, 234, 192



151, 238, 235



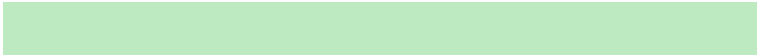
252, 209, 253



255, 204, 210

Sweetspot

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



189, 234, 192



240, 255, 241



231, 234, 189



119, 128, 119



0, 0, 0



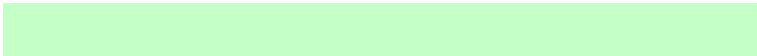
128, 128, 128

Same Dimension

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



189, 234, 192



196, 255, 200



189, 234, 214



106, 117, 106



0, 181, 12



0, 54, 4

Inverse Universe

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



234, 189, 231



255, 196, 251



234, 189, 209



117, 106, 117



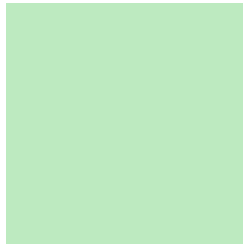
181, 0, 169



54, 0, 50

Previews

White Background



This preview shows how the RGB color 189, 234, 192 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, 234, 192 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

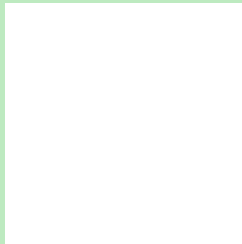
Any Text WCAG AAA ✓ Pass

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

RGB 189, 234, 192 Background



This preview shows how black text looks on a background with the RGB color 189, 234, 192.

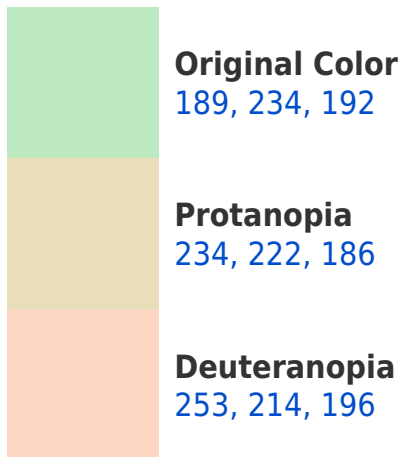


This preview shows how white text looks on a background with the RGB color 189, 234, 192.

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





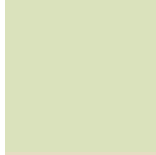
Tritanopia
198, 227, 245

Trichromacy



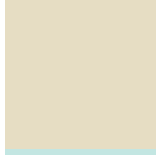
Original Color

189, 234, 192



Protanomaly

218, 226, 188



Deuteranomaly

230, 221, 195



Tritanomaly

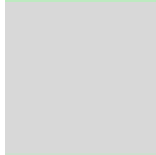
195, 230, 226

Monochromacy



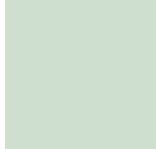
Original Color

189, 234, 192



Achromatopsia

216, 216, 216



Achromatomaly

206, 223, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 234, 192 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, 234, 192)` looks like.

```
.text, #text, p{  
    color:rgb(189, 234, 192)  
}
```

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, 234, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 234, 192) }
```

Border

The CSS property to change the border of an element to RGB 189, 234, 192 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, 234, 192) }
```

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

```
.border{ border-color:rgb(189, 234, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 234, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 234, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 234, 192);  
box-shadow:4px 4px 4px 4px rgb(189, 234,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 189, 234, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 234, 192) }
```

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

```
.background{ background-color: rgb(189,  
234, 192) }
```

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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