

Converting Colors

RGB(189, 242, 211)

Have a look what the booklet for
RGB(189, 242, 211) contains.

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Color

RGB(189, 242, 211)

Conversions

Conversions Part 1

Format	Color
Hex	BDF2D3
RGB	189, 242, 211
RGB Percent	74%, 95%, 83%
CMY	0.2588, 0.0510, 0.1725
CMYK	0.22, 0.00, 0.13, 0.05
HSL	145°, 67%, 85%
HSV	145°, 22%, 95%
XYZ	64.4963, 79.0262, 73.4823
YIQ	222.6190, -21.6370, -20.8770

Conversions

Conversions Part 2

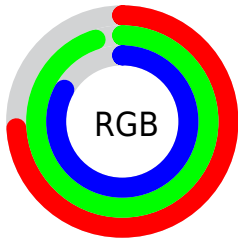
Format	Color
R _{YB}	189, 226, 242
Decimal	12448467
CIE Lab	91.25, -22.89, 9.48
CIE LCh	91, 24.777, 157.512
Yxy	79.0262, 0.2972, 0.3642
Android (android.graphics.Color)	4290638547 (0xFFBDF2D3)
YUV	222.6190, -5.7282, -29.4839
Hunter-Lab	88.8967, -26.0640, 13.2184

Details

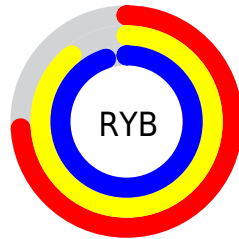
The RGB color **189, 242, 211** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **242, 189, 220**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **246, 255, 255**, and **135, 186, 156** is the 20% darker color. If you saturate the color by 10%, you get **165, 242, 197**, and if you desaturate by 10%, it is **213, 242, 225**.

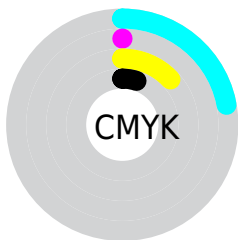
Distribution



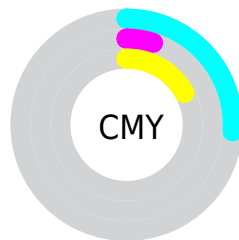
- Red (74%)
- Green (95%)
- Blue (83%)



- Red (74%)
- Yellow (89%)
- Blue (95%)



- Cyan (22%)
- Magenta (0%)
- Yellow (13%)
- Black (5%)



- Cyan (26%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 242, 211 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, 242, 211 by changing the saturation by 10% instead.

 189, 242, 211


255, 255, 255


 246, 255, 255

 189, 242, 211

 162, 214, 183

 135, 186, 156

 109, 159, 130

 83, 132, 105

 59, 107, 81

 34, 82, 58

 7, 59, 36

 0, 37, 16

 0, 9, 0

■ 189, 242, 211

■ 189, 242, 211

■ 165, 242, 197

■ 213, 242, 225

■ 141, 242, 183

■ 237, 242, 239

■ 116, 242, 169

■ 255, 242, 253

■ 92, 242, 154

■ 255, 242, 255

■ 68, 242, 140

■ 44, 242, 126

■ 20, 242, 112

■ 0, 242, 100

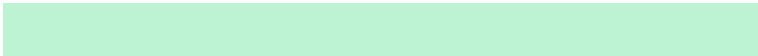
Harmonies

Analogous

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



215, 237, 192



189, 242, 211



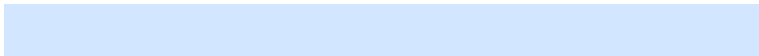
170, 244, 235

Triad

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



189, 242, 211



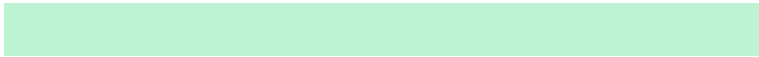
210, 230, 255



255, 216, 202

Complementary

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



189, 242, 211



242, 189, 220

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, 213, 225



189, 242, 211



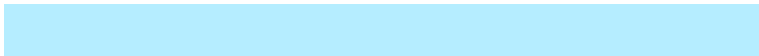
242, 222, 255

Square

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



189, 242, 211



181, 237, 255



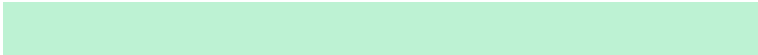
255, 215, 249



255, 222, 187

Rectangle

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



189, 242, 211



165, 243, 251



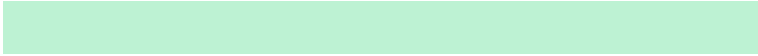
255, 215, 249



255, 214, 209

Sweetspot

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



189, 242, 211



237, 255, 245



221, 242, 189



117, 128, 122



0, 0, 0



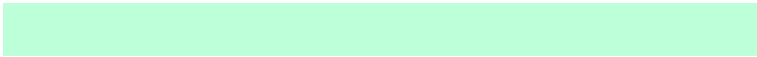
128, 128, 128

Same Dimension

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



189, 242, 211



189, 255, 216



189, 242, 237



108, 120, 113



0, 184, 76



0, 56, 23

Inverse Universe

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



242, 189, 220



255, 189, 227



242, 189, 194



120, 108, 115



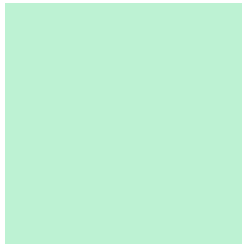
184, 0, 107



56, 0, 33

Previews

White Background



This preview shows how the RGB color 189, 242, 211 looks on a white background.

Color Contrast Check

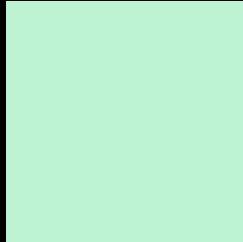
Large Text (above 18pt) WCAG AA × Fail

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, 242, 211 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

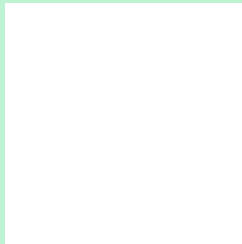
Any Text WCAG AAA ✓ Pass

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

RGB 189, 242, 211 Background



This preview shows how black text looks on a background with the RGB color 189, 242, 211.

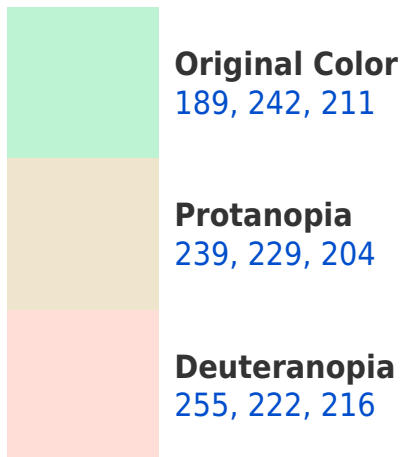


This preview shows how white text looks on a background with the RGB color 189, 242, 211.

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





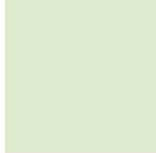
Tritanopia
197, 236, 255

Trichromacy



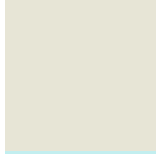
Original Color

189, 242, 211



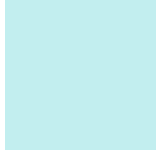
Protanomaly

221, 234, 207



Deuteranomaly

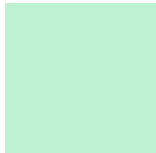
231, 229, 214



Tritanomaly

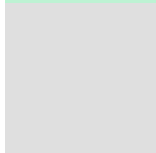
194, 238, 239

Monochromacy



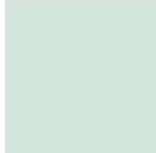
Original Color

189, 242, 211



Achromatopsia

223, 223, 223



Achromatomaly

211, 230, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 242, 211 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, 242, 211)` looks like.

```
.text, #text, p{  
    color:rgb(189, 242, 211)  
}
```

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, 242, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 242, 211) }
```

Border

The CSS property to change the border of an element to RGB 189, 242, 211 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, 242, 211) }
```

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

```
.border{ border-color:rgb(189, 242, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 242, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 242, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 242, 211);  
box-shadow:4px 4px 4px 4px rgb(189, 242,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 189, 242, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 242, 211) }
```

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

```
.background{ background-color: rgb(189,  
242, 211) }
```

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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