

Converting Colors

RGB(185, 237, 201)

Have a look what the booklet for
RGB(185, 237, 201) contains.

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Color

RGB(185, 237, 201)

Conversions

Conversions Part 1

Format	Color
Hex	B9EDC9
RGB	185, 237, 201
RGB Percent	73%, 93%, 79%
CMY	0.2745, 0.0706, 0.2118
CMYK	0.22, 0.00, 0.15, 0.07
HSL	138°, 59%, 83%
HSV	138°, 22%, 93%
XYZ	60.8344, 75.0997, 66.5477
YIQ	217.3480, -19.4360, -22.2200

Conversions

Conversions Part 2

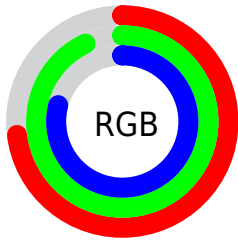
Format	Color
RYB	185, 225, 237
Decimal	12185033
CIELab	89.44, -23.58, 12.06
CIElCh	89, 26.491, 152.909
Yxy	75.0997, 0.3004, 0.3709
Android (android.graphics.Color)	4290375113 (0xFFB9EDC9)
YUV	217.3480, -8.0596, -28.3692
Hunter-Lab	86.6601, -26.3502, 15.1323

Details

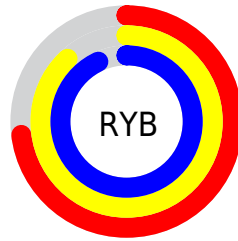
The RGB color **185, 237, 201** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **237, 185, 221**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **242, 255, 255**, and **131, 181, 147** is the 20% darker color. If you saturate the color by 10%, you get **161, 237, 185**, and if you desaturate by 10%, it is **209, 237, 217**.

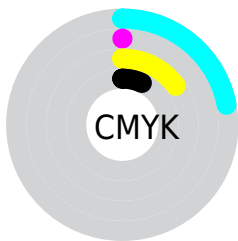
Distribution



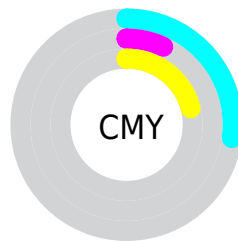
- Red (73%)
- Green (93%)
- Blue (79%)



- Red (73%)
- Yellow (88%)
- Blue (93%)



- Cyan (22%)
- Magenta (0%)
- Yellow (15%)
- Black (7%)



- Cyan (27%)
- Magenta (7%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 185, 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 185, 237, 201 by changing the saturation by 10% instead.

■ 185, 237, 201

255, 255, 255

■ 242, 255, 255

■ 185, 237, 201

■ 158, 209, 174

■ 131, 181, 147

■ 105, 154, 121

■ 80, 128, 96

■ 55, 103, 73

■ 31, 78, 50


■ 4, 55, 29

■ 0, 34, 4

■ 0, 0, 0

 185, 237, 201

 185, 237, 201

 161, 237, 185

 209, 237, 217

 138, 237, 168

 232, 237, 234

 114, 237, 152

 255, 237, 250

 90, 237, 135

 255, 237, 255

 66, 237, 119

 43, 237, 103

 19, 237, 86

 0, 237, 73

Harmonies

Analogous

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



214, 232, 182



185, 237, 201



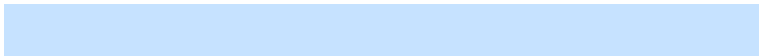
162, 239, 226

Triad

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



185, 237, 201



198, 226, 255



255, 209, 198

Complementary

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



185, 237, 201



237, 185, 221

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, 207, 223



185, 237, 201



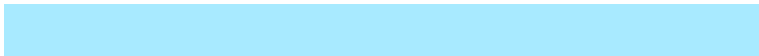
232, 217, 255

Square

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



185, 237, 201



168, 234, 255



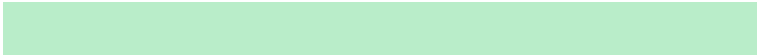
255, 210, 248



255, 215, 181

Rectangle

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



185, 237, 201



154, 239, 243



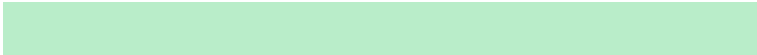
255, 210, 248



255, 208, 206

Sweetspot

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



185, 237, 201



237, 255, 243



221, 237, 185



117, 128, 120



0, 0, 0



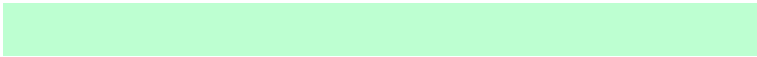
128, 128, 128

Same Dimension

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



185, 237, 201



189, 255, 209



185, 237, 227



106, 117, 109



0, 181, 56



0, 54, 16

Inverse Universe

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



237, 185, 221



255, 189, 235



237, 185, 195



117, 106, 114



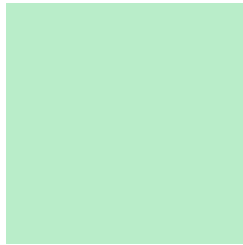
181, 0, 125



54, 0, 37

Previews

White Background



This preview shows how the RGB color 185, 237, 201 looks on a white background.

Color Contrast Check

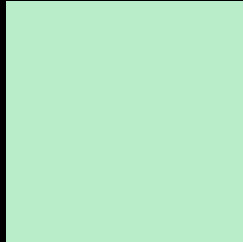
Large Text (above 18pt) WCAG AA × Fail

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 185, 237, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

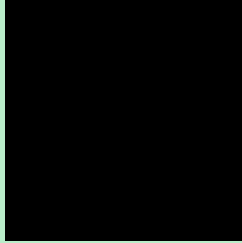
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

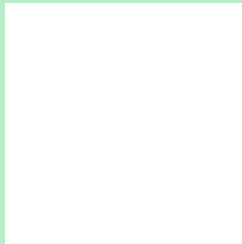
Any Text WCAG AAA ✓ Pass

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

RGB 185, 237, 201 Background



This preview shows how black text looks on a background with the RGB color 185, 237, 201.

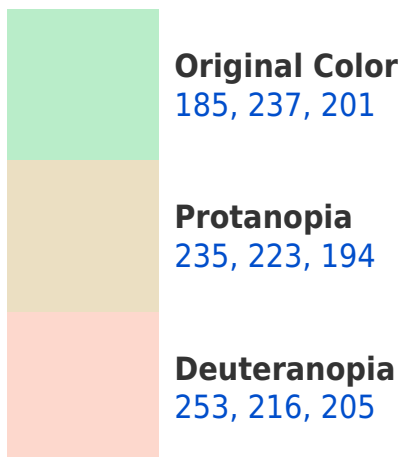


This preview shows how white text looks on a background with the RGB color 185, 237, 201.

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





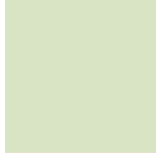
Tritanopia
194, 230, 249

Trichromacy



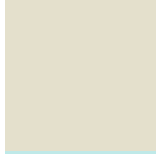
Original Color

185, 237, 201



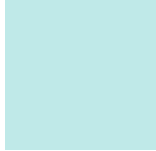
Protanomaly

217, 228, 197



Deuteranomaly

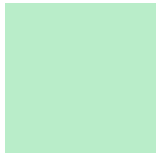
228, 224, 204



Tritanomaly

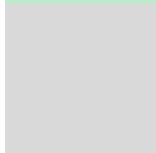
191, 233, 232

Monochromacy



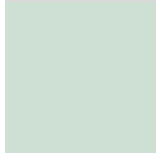
Original Color

185, 237, 201



Achromatopsia

217, 217, 217



Achromatomaly

205, 224, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 185, 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(185, 237, 201)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 237, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 237, 201) }
```

Border

The CSS property to change the border of an element to RGB 185, 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(185, 237, 201) }
```

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

```
.border{ border-color:rgb(185, 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(185, 237, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 237, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 237, 201);  
box-shadow:4px 4px 4px 4px rgb(185, 237,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 185, 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(185, 237, 201) }
```

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

```
.background{ background-color: rgb(185,  
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](#).

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