

Converting Colors

RGB(185, 233, 203)

Have a look what the booklet for
RGB(185, 233, 203) contains.

RGB(185, 233, 203)	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(185, 233, 203)

Conversions

Conversions Part 1

Format	Color
Hex	B9E9CB
RGB	185, 233, 203
RGB Percent	73%, 91%, 80%
CMY	0.2745, 0.0863, 0.2039
CMYK	0.21, 0.00, 0.13, 0.09
HSL	142°, 52%, 82%
HSV	142°, 21%, 91%
XYZ	59.9260, 72.9039, 67.4133
YIQ	215.2280, -18.9780, -19.5060

Conversions

Conversions Part 2

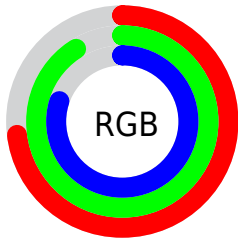
Format	Color
RYB	185, 220, 233
Decimal	12184011
CIELab	88.40, -21.27, 9.54
CIELCh	88, 23.309, 155.835
Yxy	72.9039, 0.2993, 0.3641
Android (android.graphics.Color)	4290374091 (0xFFB9E9CB)
YUV	215.2280, -6.0284, -26.5100
Hunter-Lab	85.3838, -24.1427, 12.9572

Details

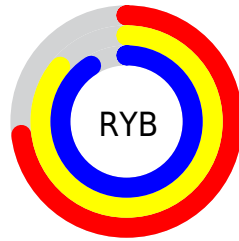
The RGB color **185, 233, 203** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **233, 185, 215**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **242, 255, 255**, and **131, 177, 149** is the 20% darker color. If you saturate the color by 10%, you get **162, 233, 188**, and if you desaturate by 10%, it is **208, 233, 218**.

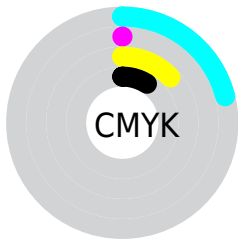
Distribution



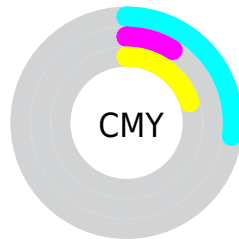
- Red (73%)
- Green (91%)
- Blue (80%)



- Red (73%)
- Yellow (86%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (27%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 185, 233, 203 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, 233, 203 by changing the saturation by 10% instead.

 185, 233, 203

255, 255, 255

 242, 255, 255

 185, 233, 203

 158, 205, 176

 131, 177, 149

 105, 150, 123

 80, 124, 98

 56, 99, 74

 32, 75, 52

 7, 52, 30

 0, 31, 6

 0, 0, 0

 185, 233, 203

 185, 233, 203

 162, 233, 188

 208, 233, 218

 138, 233, 174

 232, 233, 232

 115, 233, 159

 255, 233, 247

 92, 233, 145

 255, 233, 255

 68, 233, 130

 45, 233, 116

 22, 233, 101

 0, 233, 87

Harmonies

Analogous

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



210, 228, 185



185, 233, 203



166, 235, 226

Triad

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



185, 233, 203



202, 222, 255



255, 208, 197

Complementary

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



185, 233, 203



233, 185, 215

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, 206, 218



185, 233, 203



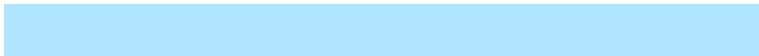
231, 215, 255

Square

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



185, 233, 203



176, 229, 255



255, 209, 240



255, 214, 182

Rectangle

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



185, 233, 203



161, 234, 240



255, 209, 240



255, 207, 203

Sweetspot

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



185, 233, 203



240, 255, 245



215, 233, 185



119, 128, 122



0, 0, 0



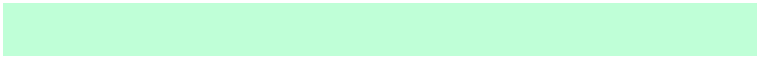
128, 128, 128

Same Dimension

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



185, 233, 203



191, 255, 215



185, 233, 227



106, 117, 110



0, 181, 68



0, 54, 20

Inverse Universe

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



233, 185, 215



255, 191, 231



233, 185, 191



117, 106, 113



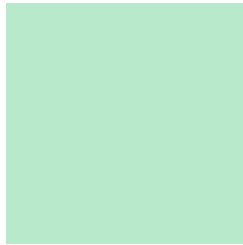
181, 0, 113



54, 0, 33

Previews

White Background



This preview shows how the RGB color 185, 233, 203 looks on a white background.

Color Contrast Check

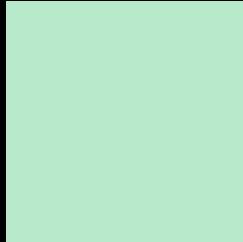
Large Text (above 18pt) WCAG AA × Fail

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, 233, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

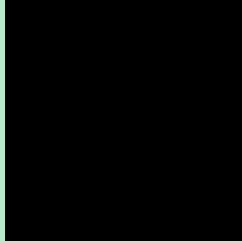
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

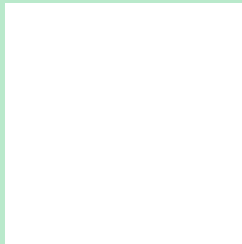
Any Text WCAG AAA ✓ Pass

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

RGB 185, 233, 203 Background



This preview shows how black text looks on a background with the RGB color 185, 233, 203.

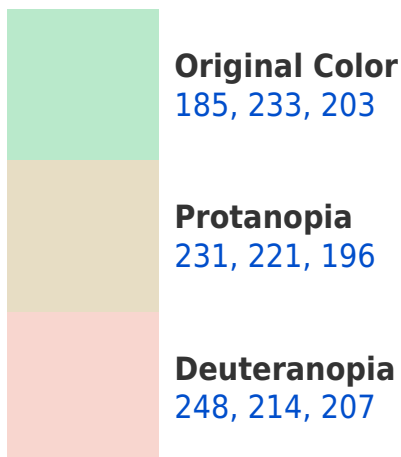


This preview shows how white text looks on a background with the RGB color 185, 233, 203.

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





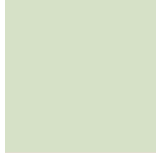
Tritanopia
193, 227, 245

Trichromacy



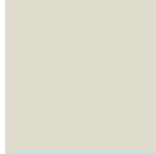
Original Color

185, 233, 203



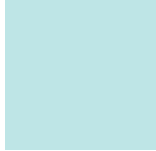
Protanomaly

214, 225, 199



Deuteranomaly

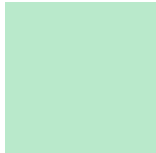
225, 221, 206



Tritanomaly

190, 229, 230

Monochromacy



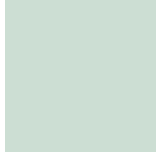
Original Color

185, 233, 203



Achromatopsia

215, 215, 215



Achromatomaly

204, 222, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 185, 233, 203 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, 233, 203)` looks like.

```
.text, #text, p{  
    color:rgb(185, 233, 203)  
}
```

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, 233, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 233, 203) }
```

Border

The CSS property to change the border of an element to RGB 185, 233, 203 is called "border". The border property can be set on classes, ids or directly on the HTML element.

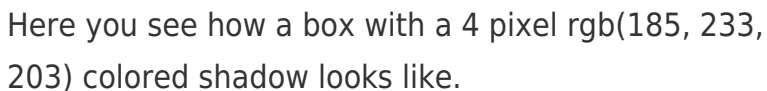
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 233, 203) }
```

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

```
.border{ border-color:rgb(185, 233, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 233, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 233, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 233, 203); box-shadow:4px 4px 4px 4px rgb(185, 233, 203) }
```

Background

The CSS property to change the background color of an element to RGB 185, 233, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 233, 203) }
```

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

```
.background{ background-color: rgb(185,  
233, 203) }
```

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