

Converting Colors

RGB(191, 228, 203)

Have a look what the booklet for
RGB(191, 228, 203) contains.

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Color

RGB(191, 228, 203)

Conversions

Conversions Part 1

Format	Color
Hex	BFE4CB
RGB	191, 228, 203
RGB Percent	75%, 89%, 80%
CMY	0.2510, 0.1059, 0.2039
CMYK	0.16, 0.00, 0.11, 0.11
HSL	139°, 41%, 82%
HSV	139°, 16%, 89%
XYZ	60.0088, 70.8750, 67.0174
YIQ	214.0870, -14.0270, -15.6190

Conversions

Conversions Part 2

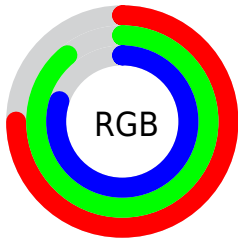
Format	Color
RYB	191, 219, 228
Decimal	12575947
CIELab	87.42, -16.86, 8.19
CIELCh	87, 18.740, 154.082
Yxy	70.8750, 0.3032, 0.3581
Android (android.graphics.Color)	4290766027 (0xFFBFE4CB)
YUV	214.0870, -5.4659, -20.2473
Hunter-Lab	84.1873, -20.0928, 11.7332

Details

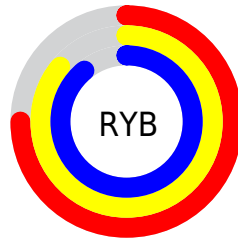
The RGB color **191, 228, 203** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **228, 191, 216**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **248, 255, 255**, and **137, 173, 149** is the 20% darker color. If you saturate the color by 10%, you get **168, 228, 188**, and if you desaturate by 10%, it is **214, 228, 218**.

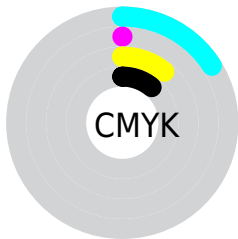
Distribution



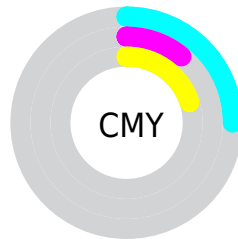
- Red (75%)
- Green (89%)
- Blue (80%)



- Red (75%)
- Yellow (86%)
- Blue (89%)



- Cyan (16%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (25%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 228, 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 191, 228, 203 by changing the saturation by 10% instead.


 191, 228, 203


255, 255, 255

 248, 255, 255

 191, 228, 203


 164, 200, 176

 137, 173, 149

 111, 146, 123

 87, 120, 98

 63, 95, 74

 40, 71, 52

 17, 49, 31

 0, 29, 6

 0, 0, 0

 191, 228, 203

 191, 228, 203

 168, 228, 188

 214, 228, 218

 145, 228, 172

 237, 228, 234


 123, 228, 157

 255, 228, 249

 100, 228, 141

 255, 228, 255

 77, 228, 126

 54, 228, 111

 31, 228, 95

 9, 228, 80

 0, 228, 74

Harmonies

Analogous

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



211, 224, 189



191, 228, 203



176, 230, 221

Triad

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



191, 228, 203



203, 220, 254



255, 208, 200

Complementary

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



191, 228, 203



228, 191, 216

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, 217



191, 228, 203



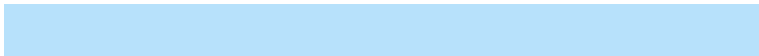
226, 214, 249

Square

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



191, 228, 203



183, 225, 251



245, 209, 235



247, 213, 188

Rectangle

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



191, 228, 203



173, 229, 233



245, 209, 235



255, 207, 205

Sweetspot

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



191, 228, 203



242, 255, 246



216, 228, 191



120, 128, 122



0, 0, 0



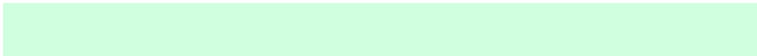
128, 128, 128

Same Dimension

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



191, 228, 203



207, 255, 222



191, 228, 221



103, 115, 107



0, 179, 58



0, 51, 17

Inverse Universe

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



228, 191, 216



255, 207, 239



228, 191, 198



115, 103, 111



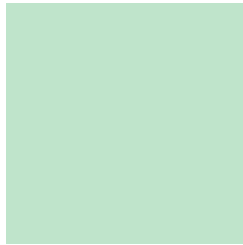
179, 0, 121



51, 0, 34

Previews

White Background



This preview shows how the RGB color 191, 228, 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 191, 228, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

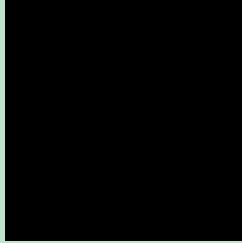
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

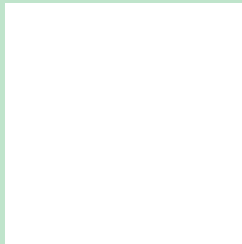
Any Text WCAG AAA ✓ Pass

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

RGB 191, 228, 203 Background



This preview shows how black text looks on a background with the RGB color 191, 228, 203.



This preview shows how white text looks on a background with the RGB color 191, 228, 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
197, 223, 240

Trichromacy



Original Color
191, 228, 203

Protanomaly
214, 222, 200

Deuteranomaly
225, 217, 205

Tritanomaly
195, 225, 227

Monochromacy



Original Color
191, 228, 203

Achromatopsia
214, 214, 214

Achromatomaly
206, 219, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 228, 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(191, 228, 203)` looks like.

```
.text, #text, p{  
    color:rgb(191, 228, 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(191, 228, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 228, 203) }
```

Border

The CSS property to change the border of an element to RGB 191, 228, 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(191, 228, 203) }
```

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

```
.border{ border-color:rgb(191, 228, 203) }
```

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

Here you see how a box with a 4 pixel rgb(191, 228, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 228, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 228, 203);  
box-shadow:4px 4px 4px 4px rgb(191, 228,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 191, 228, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 228, 203) }
```

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

```
.background{ background-color: rgb(191,  
228, 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](#).

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