

Converting Colors

RGB(191, 226, 202)

Have a look what the booklet for
RGB(191, 226, 202) contains.

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Color

RGB(191, 226, 202)

Conversions

Conversions Part 1

Format	Color
Hex	BFE2CA
RGB	191, 226, 202
RGB Percent	75%, 89%, 79%
CMY	0.2510, 0.1137, 0.2078
CMYK	0.15, 0.00, 0.11, 0.11
HSL	139°, 38%, 82%
HSV	139°, 15%, 89%
XYZ	59.3429, 69.7333, 66.2093
YIQ	212.7990, -13.1560, -14.8840

Conversions

Conversions Part 2

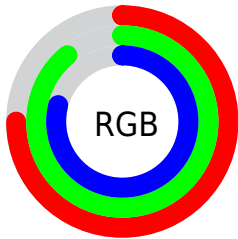
Format	Color
RYB	191, 218, 226
Decimal	12575434
CIELab	86.87, -16.04, 7.91
CIELCh	87, 17.888, 153.738
Yxy	69.7333, 0.3039, 0.3571
Android (android.graphics.Color)	4290765514 (0xFFBFE2CA)
YUV	212.7990, -5.3239, -19.1177
Hunter-Lab	83.5065, -19.2875, 11.4456

Details

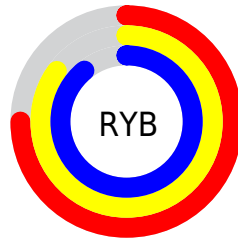
The RGB color **191, 226, 202** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **226, 191, 215**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **248, 255, 255**, and **137, 171, 148** is the 20% darker color. If you saturate the color by 10%, you get **168, 226, 187**, and if you desaturate by 10%, it is **214, 226, 217**.

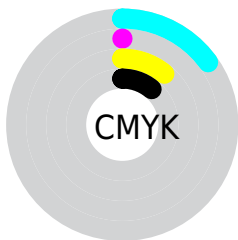
Distribution



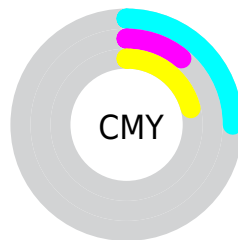
- Red (75%)
- Green (89%)
- Blue (79%)



- Red (75%)
- Yellow (85%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (25%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 226, 202 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, 226, 202 by changing the saturation by 10% instead.

 191, 226, 202


255, 255, 255

 248, 255, 255


 191, 226, 202


 164, 198, 175


 137, 171, 148

 112, 144, 122

 87, 118, 97

 63, 94, 74

 40, 70, 51

 18, 47, 30

 0, 27, 5

 0, 0, 0

 191, 226, 202

 191, 226, 202

 168, 226, 187


 214, 226, 217

 146, 226, 171

 236, 226, 233

 123, 226, 156

 255, 226, 248

 101, 226, 140

 255, 226, 255

 78, 226, 125

 55, 226, 109

 33, 226, 94

 10, 226, 78

 0, 226, 71

Harmonies

Analogous

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



210, 222, 189



191, 226, 202



177, 228, 219

Triad

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



191, 226, 202



202, 218, 251



253, 207, 199

Complementary

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



191, 226, 202



226, 191, 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.



252, 206, 216



191, 226, 202



223, 212, 246

Square

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



191, 226, 202



183, 223, 247



242, 208, 233



244, 211, 188

Rectangle

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



191, 226, 202



173, 227, 230



242, 208, 233



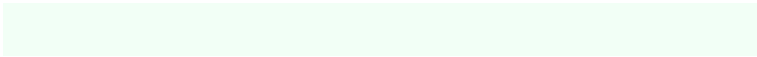
254, 206, 205

Sweetspot

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



191, 226, 202



242, 255, 246



216, 226, 191



120, 128, 122



0, 0, 0



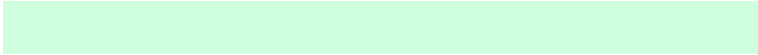
128, 128, 128

Same Dimension

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



191, 226, 202



207, 255, 222



191, 226, 219



101, 112, 105



0, 176, 55



0, 48, 15

Inverse Universe

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



226, 191, 215



255, 207, 240



226, 191, 198



112, 101, 109



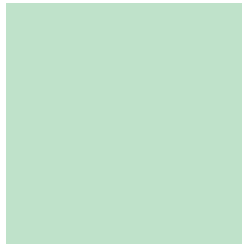
176, 0, 121



48, 0, 33

Previews

White Background



This preview shows how the RGB color 191, 226, 202 looks on a white background.

Color Contrast Check

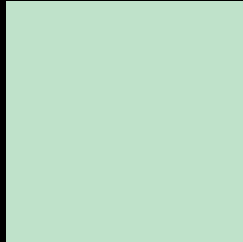
Large Text (above 18pt) WCAG AA × Fail

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, 226, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

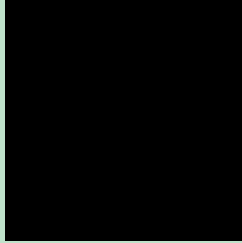
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

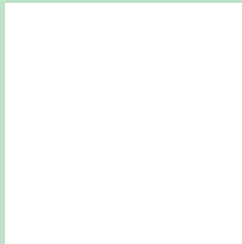
Any Text WCAG AAA ✓ Pass

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

RGB 191, 226, 202 Background



This preview shows how black text looks on a background with the RGB color 191, 226, 202.

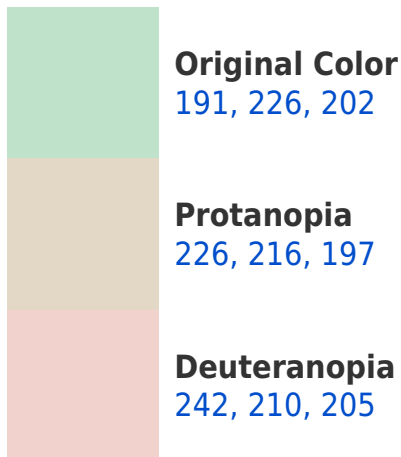


This preview shows how white text looks on a background with the RGB color 191, 226, 202.

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](#).

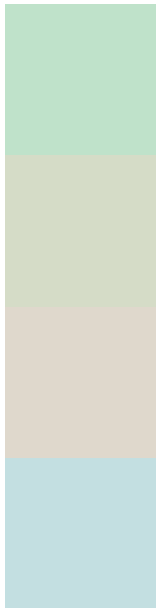
Dichromacy





Tritanopia
197, 221, 238

Trichromacy



Original Color
191, 226, 202

Protanomaly
213, 220, 199

Deuteranomaly
223, 216, 204

Tritanomaly
195, 223, 225

Monochromacy



Original Color
191, 226, 202

Achromatopsia
213, 213, 213

Achromatomaly
205, 218, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 226, 202 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, 226, 202)` looks like.

```
.text, #text, p{  
    color:rgb(191, 226, 202)  
}
```

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, 226, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 226, 202) }
```

Border

The CSS property to change the border of an element to RGB 191, 226, 202 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, 226, 202) }
```

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

```
.border{ border-color:rgb(191, 226, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 226, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 226, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 226, 202);  
box-shadow:4px 4px 4px 4px rgb(191, 226,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 191, 226, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 226, 202) }
```

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

```
.background{ background-color: rgb(191,  
226, 202) }
```

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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