

Converting Colors

RGB(191, 216, 226)

Have a look what the booklet for
RGB(191, 216, 226) contains.

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Color

RGB(191, 216, 226)

Conversions

Conversions Part 1

Format	Color
Hex	BFD8E2
RGB	191, 216, 226
RGB Percent	75%, 85%, 89%
CMY	0.2510, 0.1529, 0.1137
CMYK	0.15, 0.04, 0.00, 0.11
HSL	197°, 38%, 82%
HSV	197°, 15%, 89%
XYZ	59.7692, 65.6791, 81.4787
YIQ	209.6650, -18.1100, -2.1900

Conversions

Conversions Part 2

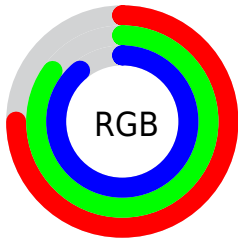
Format	Color
R _Y B	191, 206, 226
Decimal	12572898
CIE Lab	84.83, -6.26, -7.73
CIE LCh	85, 9.941, 231.007
Yxy	65.6791, 0.2888, 0.3174
Android (android.graphics.Color)	4290762978 (0xFFBFD8E2)
YUV	209.6650, 8.0532, -16.3692
Hunter-Lab	81.0426, -10.1803, -2.8792

Details

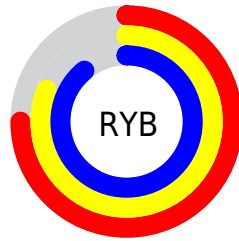
The RGB color **191, 216, 226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **226, 201, 191**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **248, 255, 255**, and **137, 161, 171** is the 20% darker color. If you saturate the color by 10%, you get **168, 210, 226**, and if you desaturate by 10%, it is **214, 222, 226**.

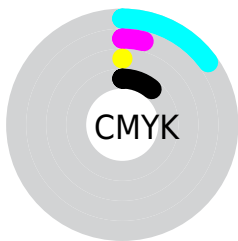
Distribution



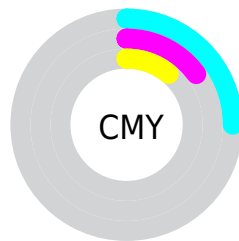
- Red (75%)
- Green (85%)
- Blue (89%)



- Red (75%)
- Yellow (81%)
- Blue (89%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (25%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 216, 226 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, 216, 226 by changing the saturation by 10% instead.

 191, 216, 226


255, 255, 255


 248, 255, 255

 191, 216, 226

 164, 188, 198

 137, 161, 171

 111, 135, 144

 87, 110, 119

 63, 85, 94

 40, 62, 70

 18, 40, 48

 0, 20, 27

 0, 0, 0

■ 191, 216, 226

■ 191, 216, 226

■ 168, 210, 226

■ 214, 222, 226

■ 146, 203, 226

■ 236, 229, 226

■ 123, 197, 226

■ 255, 235, 226

■ 101, 190, 226

■ 255, 242, 226

■ 78, 184, 226

■ 255, 248, 226

■ 55, 177, 226

■ 255, 255, 226

■ 33, 171, 226

■ 255, 255, 226

■ 10, 164, 226

■ 0, 161, 226

Harmonies

Analogous

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



189, 217, 218



191, 216, 226



199, 213, 230

Triad

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



191, 216, 226



229, 206, 215



212, 213, 194

Complementary

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



191, 216, 226



226, 201, 191

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.



223, 210, 193



191, 216, 226



232, 206, 205

Square

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



191, 216, 226



221, 207, 224



230, 207, 198



202, 216, 200

Rectangle

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



191, 216, 226



206, 211, 230



230, 207, 198



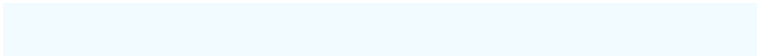
216, 212, 193

Sweetspot

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



191, 216, 226



242, 251, 255



191, 226, 201



120, 125, 128



0, 0, 0



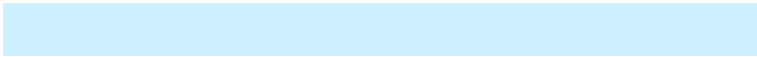
128, 128, 128

Same Dimension

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



191, 216, 226



207, 241, 255



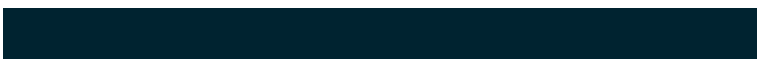
191, 199, 226



101, 109, 112



0, 126, 176



0, 35, 48

Inverse Universe

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



226, 191, 216



255, 207, 241



226, 218, 191



112, 101, 109



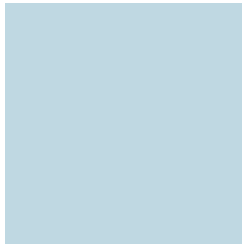
176, 0, 126



48, 0, 35

Previews

White Background



This preview shows how the RGB color 191, 216, 226 looks on a white background.

Color Contrast Check

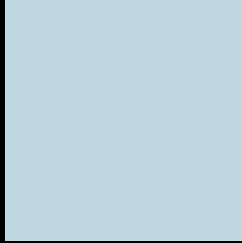
Large Text (above 18pt) WCAG AA × Fail

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, 216, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

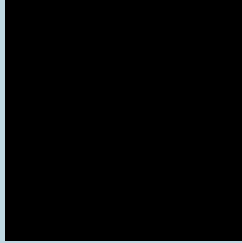
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

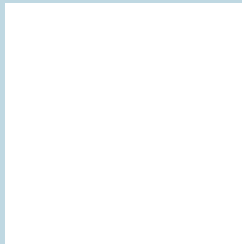
Any Text WCAG AAA ✓ Pass

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

RGB 191, 216, 226 Background



This preview shows how black text looks on a background with the RGB color 191, 216, 226.

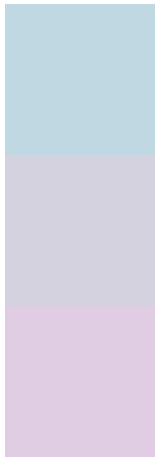


This preview shows how white text looks on a background with the RGB color 191, 216, 226.

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



Original Color
191, 216, 226

Protanopia
212, 210, 222

Deuteranopia
224, 205, 228



Tritanopia
192, 215, 232

Trichromacy



Original Color

191, 216, 226

Protanomaly

204, 212, 223

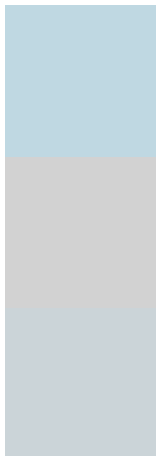
Deuteranomaly

212, 209, 227

Tritanomaly

192, 215, 230

Monochromacy



Original Color

191, 216, 226

Achromatopsia

210, 210, 210

Achromatomaly

203, 212, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 216, 226 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, 216, 226)` looks like.

```
.text, #text, p{  
    color:rgb(191, 216, 226)  
}
```

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, 216, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 216, 226) }
```

Border

The CSS property to change the border of an element to RGB 191, 216, 226 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, 216, 226) }
```

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

```
.border{ border-color:rgb(191, 216, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 216, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 216, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 216, 226);  
box-shadow:4px 4px 4px 4px rgb(191, 216,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 191, 216, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 216, 226) }
```

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

```
.background{ background-color: rgb(191,  
216, 226) }
```

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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