

Converting Colors

RGB(191, 225, 235)

Have a look what the booklet for
RGB(191, 225, 235) contains.

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Color

RGB(191, 225, 235)

Conversions

Conversions Part 1

Format	Color
Hex	BFE1EB
RGB	191, 225, 235
RGB Percent	75%, 88%, 92%
CMY	0.2510, 0.1176, 0.0784
CMYK	0.19, 0.04, 0.00, 0.08
HSL	194°, 52%, 84%
HSV	194°, 19%, 92%
XYZ	63.4065, 70.9250, 88.9453
YIQ	215.9740, -23.4740, -4.0980

Conversions

Conversions Part 2

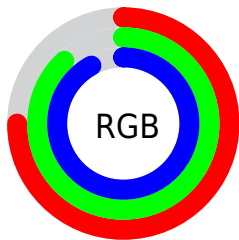
Format	Color
RYB	191, 210, 235
Decimal	12575211
CIELab	87.45, -9.01, -8.60
CIELCh	87, 12.458, 223.663
Yxy	70.9250, 0.2840, 0.3177
Android (android.graphics.Color)	4290765291 (0xFFBFE1EB)
YUV	215.9740, 9.3798, -21.9022
Hunter-Lab	84.2170, -12.9880, -3.6669

Details

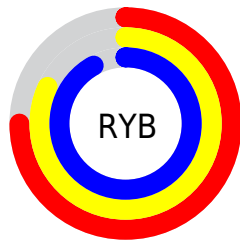
The RGB color **191, 225, 235** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **235, 201, 191**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **248, 255, 255**, and **137, 170, 179** is the 20% darker color. If you saturate the color by 10%, you get **168, 220, 235**, and if you desaturate by 10%, it is **215, 230, 235**.

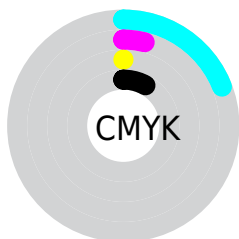
Distribution



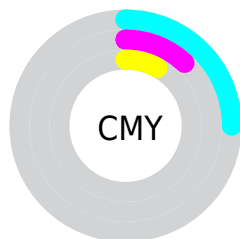
- Red (75%)
- Green (88%)
- Blue (92%)



- Red (75%)
- Yellow (82%)
- Blue (92%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)



- Cyan (25%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 225, 235 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, 225, 235 by changing the saturation by 10% instead.

■ 191, 225, 235

255, 255, 255

■ 248, 255, 255

■ 191, 225, 235

■ 164, 197, 207

■ 137, 170, 179

■ 111, 143, 153

■ 86, 118, 127

■ 62, 93, 102

■ 38, 69, 78

■ 14, 47, 55

■ 0, 27, 33

■ 0, 0, 10

■ 191, 225, 235

■ 191, 225, 235

■ 168, 220, 235

■ 215, 230, 235

■ 144, 214, 235

■ 238, 236, 235

■ 121, 209, 235

■ 255, 241, 235

■ 97, 204, 235

■ 255, 246, 235

■ 74, 198, 235

■ 255, 252, 235

■ 50, 193, 235

■ 255, 255, 235

■ 27, 188, 235

■ 3, 182, 235

■ 0, 182, 235

Harmonies

Analogous

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



190, 226, 224



191, 225, 235



200, 222, 241

Triad

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



191, 225, 235



239, 212, 226



223, 220, 196

Complementary

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



191, 225, 235



235, 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.



235, 216, 197



191, 225, 235



245, 211, 214

Square

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



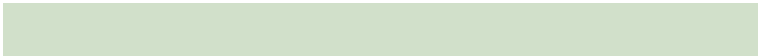
191, 225, 235



228, 214, 236



243, 213, 203



209, 224, 202

Rectangle

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



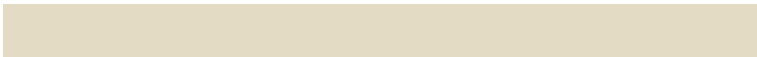
191, 225, 235



209, 220, 243



243, 213, 203



228, 219, 196

Sweetspot

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



191, 225, 235



240, 252, 255



191, 235, 201



119, 125, 128



0, 0, 0



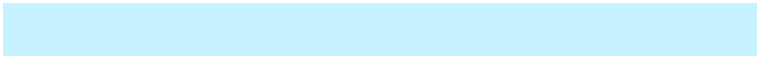
128, 128, 128

Same Dimension

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



191, 225, 235



199, 242, 255



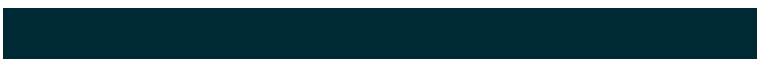
191, 203, 235



106, 115, 117



0, 140, 181



0, 41, 54

Inverse Universe

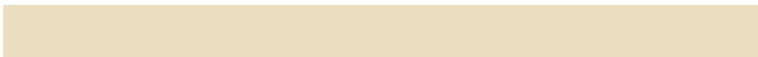
The Inverse Universe completely reimagines the original color for something new.



235, 191, 225



255, 199, 242



235, 223, 191



117, 106, 115



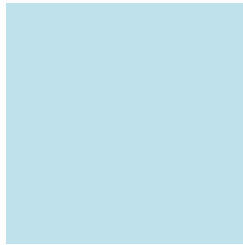
181, 0, 140



54, 0, 41

Previews

White Background



This preview shows how the RGB color 191, 225, 235 looks on a white background.

Color Contrast Check

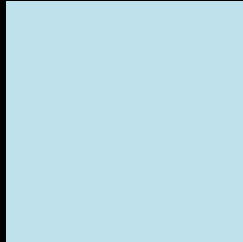
Large Text (above 18pt) WCAG AA × Fail

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, 225, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

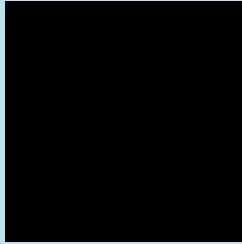
Any Text WCAG AA ✓ Pass

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, 225, 235 Background



This preview shows how black text looks on a background with the RGB color 191, 225, 235.

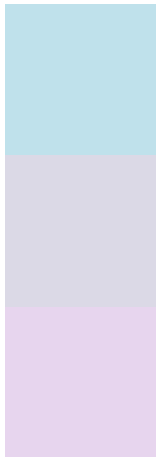


This preview shows how white text looks on a background with the RGB color 191, 225, 235.

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, 225, 235

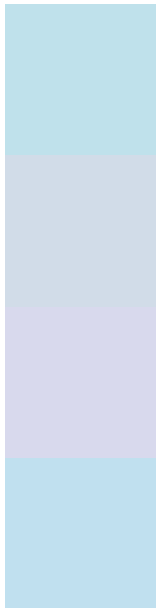
Protanopia
219, 217, 230

Deuteranopia
231, 213, 238



Tritanopia
192, 224, 242

Trichromacy



Original Color

191, 225, 235

Protanomaly

209, 220, 232

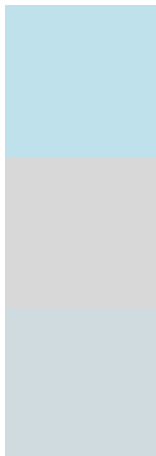
Deuteranomaly

216, 217, 237

Tritanomaly

192, 224, 239

Monochromacy



Original Color

191, 225, 235

Achromatopsia

216, 216, 216

Achromatomaly

207, 219, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 225, 235 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, 225, 235)` looks like.

```
.text, #text, p{  
    color:rgb(191, 225, 235)  
}
```

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, 225, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 225, 235) }
```

Border

The CSS property to change the border of an element to RGB 191, 225, 235 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, 225, 235) }
```

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

```
.border{ border-color:rgb(191, 225, 235) }
```

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

Here you see how a box with a 4 pixel rgb(191, 225, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 225, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 225, 235);  
box-shadow:4px 4px 4px 4px rgb(191, 225,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 191, 225, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 225, 235) }
```

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

```
.background{ background-color: rgb(191,  
225, 235) }
```

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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