

Converting Colors

RGB(191, 221, 251)

Have a look what the booklet for
RGB(191, 221, 251) contains.

RGB(191, 221, 251)	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(191, 221, 251)

Conversions

Conversions Part 1

Format	Color
Hex	BFDDFB
RGB	191, 221, 251
RGB Percent	75%, 87%, 98%
CMY	0.2510, 0.1333, 0.0157
CMYK	0.24, 0.12, 0.00, 0.02
HSL	210°, 88%, 87%
HSV	210°, 24%, 98%
XYZ	64.7549, 69.7543, 101.3178
YIQ	215.4500, -27.5100, 2.9700

Conversions

Conversions Part 2

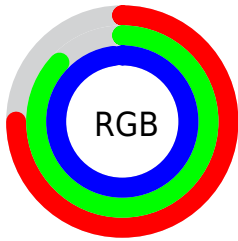
Format	Color
RYB	191, 211, 251
Decimal	12574203
CIELab	86.88, -3.47, -17.88
CIELCh	87, 18.217, 259.018
Yxy	69.7543, 0.2746, 0.2958
Android (android.graphics.Color)	4290764283 (0xFFBFDDFB)
YUV	215.4500, 17.5261, -21.4427
Hunter-Lab	83.5190, -7.7618, -13.4619

Details

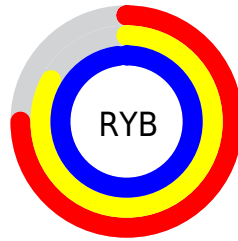
The RGB color **191, 221, 251** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **251, 221, 191**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **248, 255, 255**, and **137, 166, 194** is the 20% darker color. If you saturate the color by 10%, you get **166, 208, 251**, and if you desaturate by 10%, it is **216, 234, 251**.

Distribution



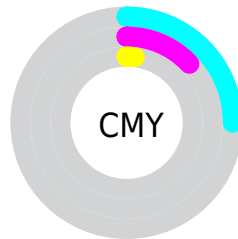
- Red (75%)
- Green (87%)
- Blue (98%)



- Red (75%)
- Yellow (83%)
- Blue (98%)



- Cyan (24%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)




- Cyan (25%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RGB color 191, 221, 251 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, 221, 251 by changing the saturation by 10% instead.

 191, 221, 251


255, 255, 255


 248, 255, 255


 191, 221, 251

 163, 193, 222

 137, 166, 194

 110, 140, 167

 85, 114, 141

 60, 90, 115

 35, 66, 91

 6, 44, 67

 0, 24, 45

 0, 1, 24

■ 191, 221, 251

■ 191, 221, 251

■ 166, 208, 251

■ 216, 234, 251

■ 141, 196, 251

■ 241, 246, 251

■ 116, 183, 251

■ 255, 255, 251

■ 91, 171, 251

■ 66, 158, 251

■ 40, 146, 251

■ 15, 133, 251

■ 0, 126, 251

Harmonies

Analogous

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



176, 225, 243



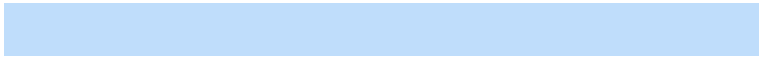
191, 221, 251



213, 215, 250

Triad

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



191, 221, 251



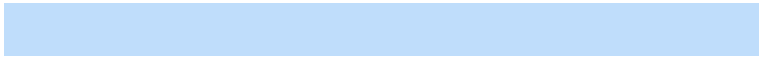
254, 206, 207



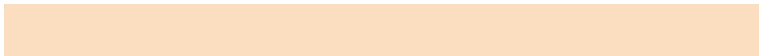
200, 225, 194

Complementary

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



191, 221, 251



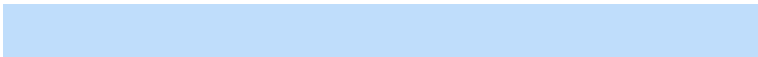
251, 221, 191

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.



220, 220, 185



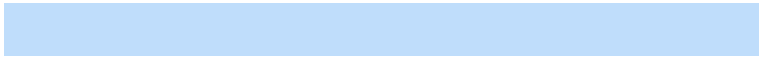
191, 221, 251



250, 209, 192

Square

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



191, 221, 251



249, 206, 225



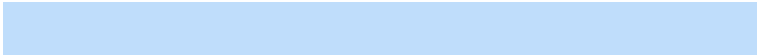
238, 214, 184



182, 227, 210

Rectangle

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



191, 221, 251



227, 211, 244



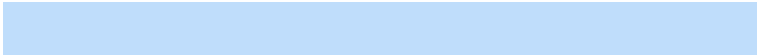
238, 214, 184



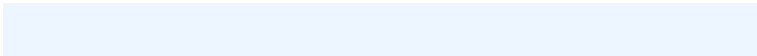
206, 223, 190

Sweetspot

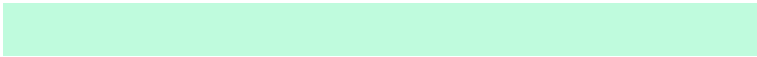
The Sweet Spot groups the original color and five complimentary colors.



191, 221, 251



237, 246, 255



191, 251, 221



117, 122, 128



0, 0, 0



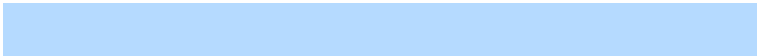
128, 128, 128

Same Dimension

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



191, 221, 251



181, 218, 255



191, 191, 251



112, 119, 125



0, 94, 189



0, 31, 61

Inverse Universe

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



251, 191, 221



255, 181, 218



251, 251, 191



125, 112, 119



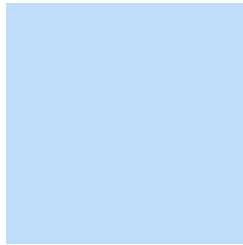
189, 0, 94



61, 0, 31

Previews

White Background



This preview shows how the RGB color 191, 221, 251 looks on a white background.

Color Contrast Check

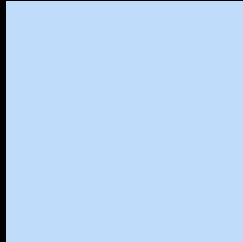
Large Text (above 18pt) WCAG AA × Fail

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, 221, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

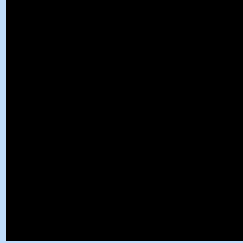
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

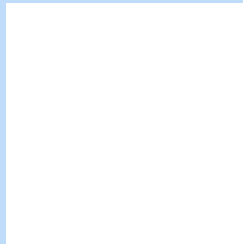
Any Text WCAG AAA ✓ Pass

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

RGB 191, 221, 251 Background



This preview shows how black text looks on a background with the RGB color 191, 221, 251.

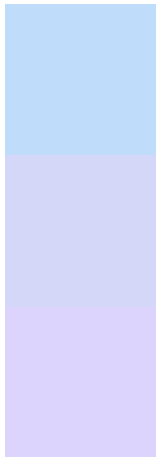


This preview shows how white text looks on a background with the RGB color 191, 221, 251.

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, 221, 251

Protanopia
212, 215, 247

Deuteranopia
221, 212, 253



Tritanopia
189, 223, 241

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 221, 251 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, 221, 251)` looks like.

```
.text, #text, p{  
    color:rgb(191, 221, 251)  
}
```

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, 221, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 221, 251) }
```

Border

The CSS property to change the border of an element to RGB 191, 221, 251 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, 221, 251) }
```

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

```
.border{ border-color:rgb(191, 221, 251) }
```

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

Here you see how a box with a 4 pixel rgb(191, 221, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 221, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 221, 251);  
box-shadow:4px 4px 4px 4px rgb(191, 221,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 191, 221, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 221, 251) }
```

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

```
.background{ background-color: rgb(191,  
221, 251) }
```

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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