

Converting Colors

RGB(191, 241, 167)

Have a look what the booklet for
RGB(191, 241, 167) contains.

RGB(191, 241, 167)	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, 241, 167)

Conversions

Conversions Part 1

Format	Color
Hex	BFF1A7
RGB	191, 241, 167
RGB Percent	75%, 95%, 65%
CMY	0.2510, 0.0549, 0.3451
CMYK	0.21, 0.00, 0.31, 0.05
HSL	101°, 73%, 80%
HSV	101°, 31%, 95%
XYZ	59.9162, 76.7770, 48.2207
YIQ	217.6140, -6.0460, -33.6140

Conversions

Conversions Part 2

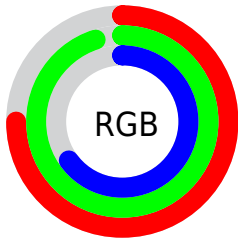
Format	Color
RYB	167, 241, 217
Decimal	12579239
CIELab	90.22, -29.12, 30.69
CIELCh	90, 42.306, 133.500
Yxy	76.7770, 0.3240, 0.4152
Android (android.graphics.Color)	4290769319 (0xFFBFF1A7)
YUV	217.6140, -24.9527, -23.3405
Hunter-Lab	87.6225, -31.2811, 28.7070

Details

The RGB color **191, 241, 167** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **217, 167, 241**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **248, 255, 223**, and **136, 185, 114** is the 20% darker color. If you saturate the color by 10%, you get **175, 241, 143**, and if you desaturate by 10%, it is **207, 241, 191**.

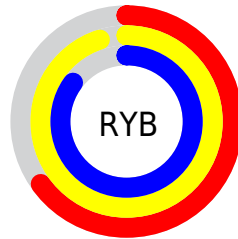
Distribution



Red (75%)

Green (95%)

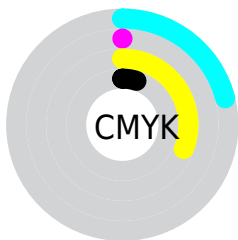
Blue (65%)



Red (65%)

Yellow (95%)

Blue (85%)

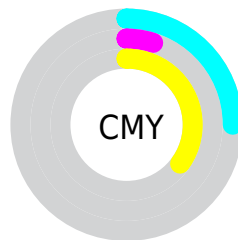


Cyan (21%)

Magenta (0%)

Yellow (31%)

Black (5%)



Cyan (25%)


Magenta (5%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 241, 167 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, 241, 167 by changing the saturation by 10% instead.

 191, 241, 167

255, 255, 255

 248, 255, 223


 255, 255, 251

 191, 241, 167

 163, 213, 140

 136, 185, 114

 110, 158, 89

 84, 131, 65

 59, 106, 42

 34, 81, 18

 7, 58, 0

 0, 37, 0

 0, 1, 0

■ 191, 241, 167

■ 191, 241, 167

■ 175, 241, 143

■ 207, 241, 191

■ 158, 241, 119

■ 224, 241, 215

■ 142, 241, 95

■ 240, 241, 239

■ 126, 241, 71

■ 255, 241, 255

■ 110, 241, 46

■ 93, 241, 22

■ 78, 241, 0

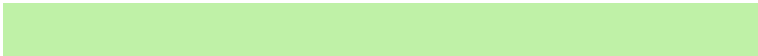
Harmonies

Analogous

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



236, 230, 147



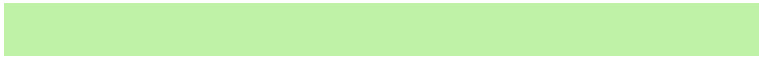
191, 241, 167



142, 247, 203

Triad

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



191, 241, 167



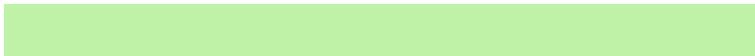
135, 237, 255



255, 196, 210

Complementary

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



191, 241, 167



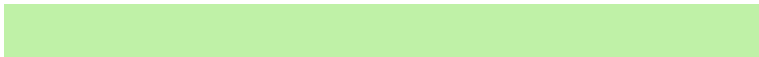
217, 167, 241

Split Complementary

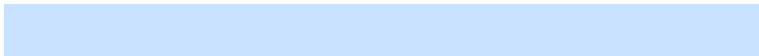
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 199, 251



191, 241, 167



200, 225, 255

Square

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



191, 241, 167



85, 246, 255



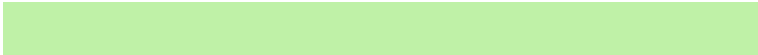
255, 210, 255



255, 204, 173

Rectangle

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



191, 241, 167



109, 249, 231



255, 210, 255



255, 196, 224

Sweetspot

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



191, 241, 167



239, 255, 232



241, 216, 167



118, 128, 113



0, 0, 0



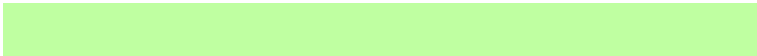
128, 128, 128

Same Dimension

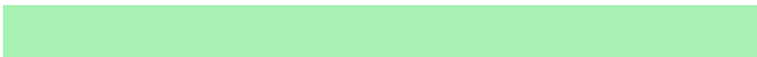
The Same Dimension uses a secret algorithm to generate beautiful new colors.



191, 241, 167



191, 255, 161



167, 241, 179



112, 120, 108



60, 184, 0



18, 56, 0

Inverse Universe

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



217, 167, 241



224, 161, 255



241, 167, 229



116, 108, 120



124, 0, 184



38, 0, 56

Previews

White Background



This preview shows how the RGB color 191, 241, 167 looks on a white background.

Color Contrast Check

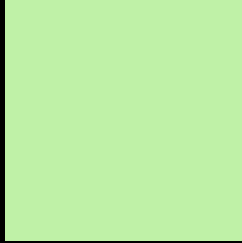
Large Text (above 18pt) WCAG AA × Fail

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, 241, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

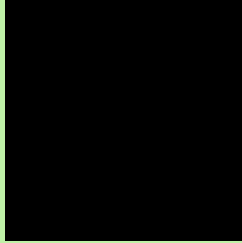
Any Text WCAG AA ✓ Pass

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, 241, 167 Background



This preview shows how black text looks on a background with the RGB color 191, 241, 167.

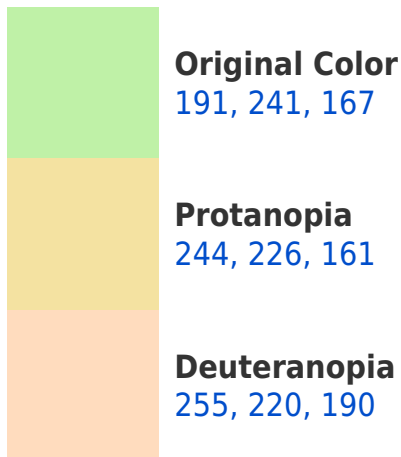


This preview shows how white text looks on a background with the RGB color 191, 241, 167.

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
204, 231, 249

Trichromacy



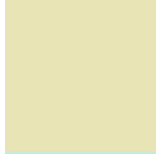
Original Color

191, 241, 167



Protanomaly

225, 231, 163



Deuteranomaly

232, 228, 182



Tritanomaly

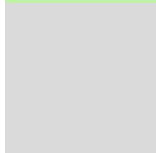
199, 235, 219

Monochromacy



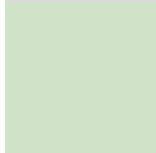
Original Color

191, 241, 167



Achromatopsia

218, 218, 218



Achromatomaly

208, 226, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 241, 167 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, 241, 167)` looks like.

```
.text, #text, p{  
    color:rgb(191, 241, 167)  
}
```

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, 241, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 241, 167) }
```

Border

The CSS property to change the border of an element to RGB 191, 241, 167 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, 241, 167) }
```

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

```
.border{ border-color:rgb(191, 241, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 241, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 241, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 241, 167);  
box-shadow:4px 4px 4px 4px rgb(191, 241,  
167) }
```

Background

The CSS property to change the background color of an element to RGB 191, 241, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 241, 167) }
```

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

```
.background{ background-color: rgb(191,  
241, 167) }
```

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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