

Converting Colors

RGB(192, 249, 201)

Have a look what the booklet for
RGB(192, 249, 201) contains.

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Color

RGB(192, 249, 201)

Conversions

Conversions Part 1

Format	Color
Hex	C0F9C9
RGB	192, 249, 201
RGB Percent	75%, 98%, 79%
CMY	0.2471, 0.0235, 0.2118
CMYK	0.23, 0.00, 0.19, 0.02
HSL	129°, 83%, 86%
HSV	129°, 23%, 98%
XYZ	66.1565, 83.1749, 67.8259
YIQ	226.4850, -18.5640, -27.0120

Conversions

Conversions Part 2

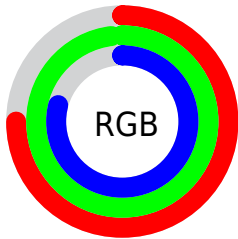
Format	Color
RYB	192, 241, 249
Decimal	12646857
CIELab	93.09, -27.11, 17.28
CIELCh	93, 32.146, 147.483
Yxy	83.1749, 0.3046, 0.3830
Android (android.graphics.Color)	4290836937 (0xFFC0F9C9)
YUV	226.4850, -12.5641, -30.2433
Hunter-Lab	91.2003, -30.1168, 19.7461

Details

The RGB color **192, 249, 201** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **249, 192, 240**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **249, 255, 255**, and **137, 192, 147** is the 20% darker color. If you saturate the color by 10%, you get **167, 249, 180**, and if you desaturate by 10%, it is **217, 249, 222**.

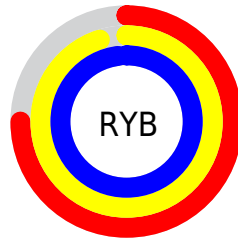
Distribution



Red (75%)

Green (98%)

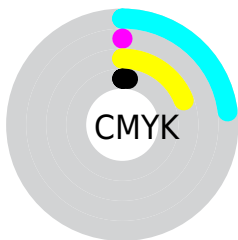
Blue (79%)



Red (75%)

Yellow (95%)

Blue (98%)

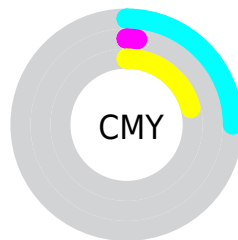


Cyan (23%)

Magenta (0%)

Yellow (19%)

Black (2%)



Cyan (25%)

Magenta (2%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 192, 249, 201 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 192, 249, 201 by changing the saturation by 10% instead.

 192, 249, 201


255, 255, 255

 249, 255, 255


 192, 249, 201

 164, 220, 174

 137, 192, 147

 111, 165, 121

 86, 139, 96

 61, 113, 72

 36, 88, 49

 7, 64, 28

 0, 42, 4

 0, 19, 0

 192, 249, 201

 192, 249, 201

 167, 249, 180

 217, 249, 222

 142, 249, 159

 242, 249, 243

 117, 249, 138

 255, 249, 255

 92, 249, 117

 67, 249, 96

 43, 249, 75

 18, 249, 54

 0, 249, 39

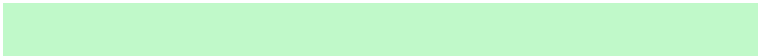
Harmonies

Analogous

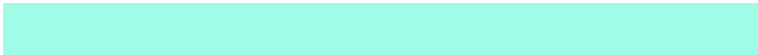
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228, 242, 180



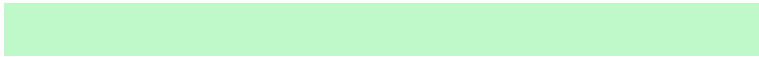
192, 249, 201



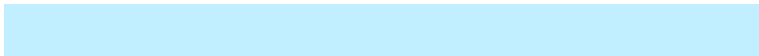
160, 252, 231

Triad

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



192, 249, 201



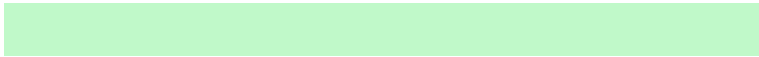
193, 239, 255



255, 214, 208

Complementary

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



192, 249, 201



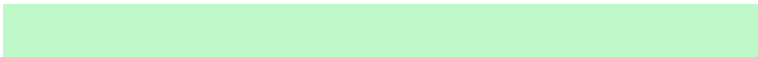
249, 192, 240

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, 213, 239



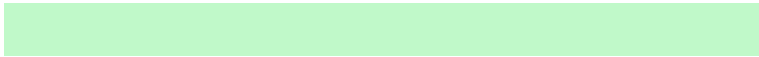
192, 249, 201



237, 228, 255

Square

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



192, 249, 201



157, 247, 255



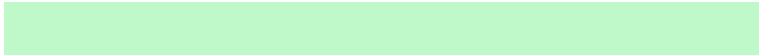
255, 218, 255



255, 222, 184

Rectangle

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



192, 249, 201



146, 253, 253



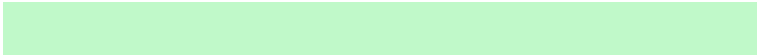
255, 218, 255



255, 213, 218

Sweetspot

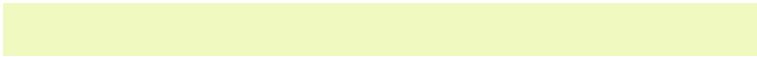
The Sweet Spot groups the original color and five complimentary colors.



192, 249, 201



237, 255, 240



240, 249, 192



117, 128, 119



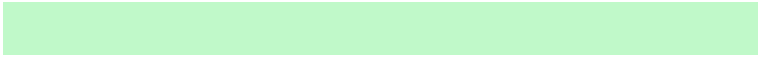
0, 0, 0



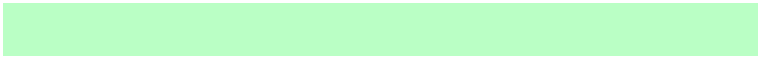
128, 128, 128

Same Dimension

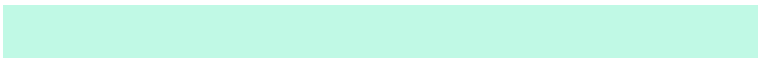
The Same Dimension uses a secret algorithm to generate beautiful new colors.



192, 249, 201



186, 255, 197



192, 249, 229



112, 125, 114



0, 189, 30



0, 61, 10

Inverse Universe

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



249, 192, 240



255, 186, 244



249, 192, 212



125, 112, 123



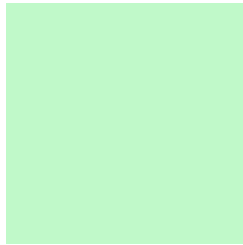
189, 0, 159



61, 0, 52

Previews

White Background



This preview shows how the RGB color 192, 249, 201 looks on a white background.

Color Contrast Check

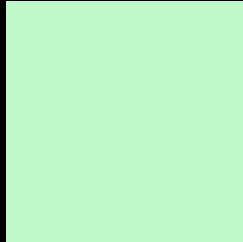
Large Text (above 18pt) WCAG AA × Fail

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 192, 249, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

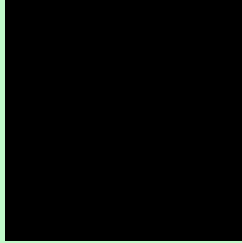
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

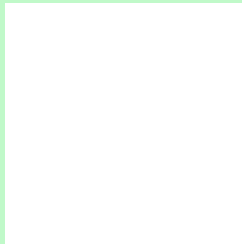
Any Text WCAG AAA ✓ Pass

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

RGB 192, 249, 201 Background



This preview shows how black text looks on a background with the RGB color 192, 249, 201.



This preview shows how white text looks on a background with the RGB color 192, 249, 201.

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

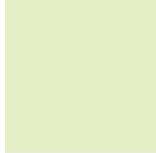
210, 240, 255

Trichromacy



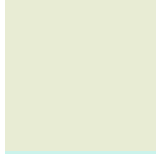
Original Color

192, 249, 201



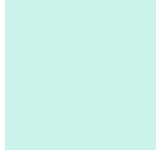
Protanomaly

228, 239, 197



Deuteranomaly

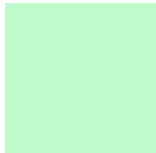
232, 236, 212



Tritanomaly

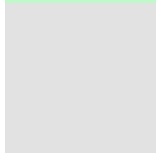
203, 243, 235

Monochromacy



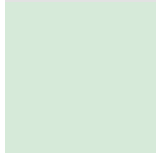
Original Color

192, 249, 201



Achromatopsia

226, 226, 226



Achromatomaly

214, 234, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 192, 249, 201 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(192, 249, 201)` looks like.

```
.text, #text, p{  
    color:rgb(192, 249, 201)  
}
```

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(192, 249, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 249, 201) }
```

Border

The CSS property to change the border of an element to RGB 192, 249, 201 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(192, 249, 201) }
```

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

```
.border{ border-color:rgb(192, 249, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 249, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 249, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 249, 201);  
box-shadow:4px 4px 4px 4px rgb(192, 249,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 192, 249, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 249, 201) }
```

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

```
.background{ background-color: rgb(192,  
249, 201) }
```

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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