

Converting Colors

RGB(199, 244, 214)

Have a look what the booklet for
RGB(199, 244, 214) contains.

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Color

RGB(199, 244, 214)

Conversions

Conversions Part 1

Format	Color
Hex	C7F4D6
RGB	199, 244, 214
RGB Percent	78%, 96%, 84%
CMY	0.2196, 0.0431, 0.1608
CMYK	0.18, 0.00, 0.12, 0.04
HSL	140°, 67%, 87%
HSV	140°, 18%, 96%
XYZ	68.0415, 81.6985, 75.8016
YIQ	227.1250, -17.1900, -18.8700

Conversions

Conversions Part 2

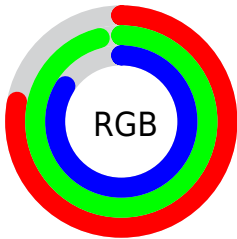
Format	Color
RYB	199, 233, 244
Decimal	13104342
CIELab	92.44, -20.14, 9.71
CIELCh	92, 22.358, 154.255
Yxy	81.6985, 0.3017, 0.3622
Android (android.graphics.Color)	4291294422 (0xFFC7F4D6)
YUV	227.1250, -6.4706, -24.6656
Hunter-Lab	90.3872, -23.8069, 13.5486

Details

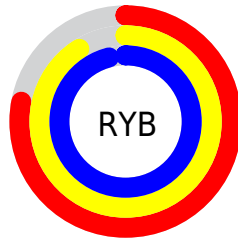
The RGB color **199, 244, 214** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **244, 199, 229**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **145, 188, 159** is the 20% darker color. If you saturate the color by 10%, you get **175, 244, 198**, and if you desaturate by 10%, it is **223, 244, 230**.

Distribution



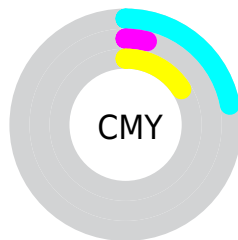
- Red (78%)
- Green (96%)
- Blue (84%)



- Red (78%)
- Yellow (91%)
- Blue (96%)



- Cyan (18%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)



- Cyan (22%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 244, 214 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 199, 244, 214 by changing the saturation by 10% instead.

■ 199, 244, 214

255, 255, 255

■ 199, 244, 214

■ 171, 216, 186

■ 145, 188, 159

■ 118, 161, 133

■ 93, 134, 108

■ 69, 109, 84

■ 45, 84, 60

■ 22, 61, 39

■ 0, 39, 18

■ 0, 16, 0

 199, 244, 214

 199, 244, 214

 175, 244, 198

 223, 244, 230

 150, 244, 181

 248, 244, 247

 126, 244, 165


 255, 244, 255

 101, 244, 149

 77, 244, 133

 53, 244, 116

 28, 244, 100

 4, 244, 84

 0, 244, 81

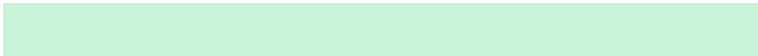
Harmonies

Analogous

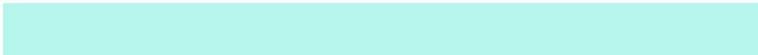
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223, 239, 197



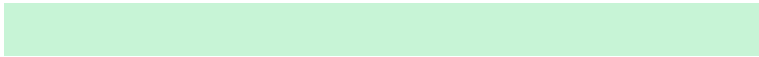
199, 244, 214



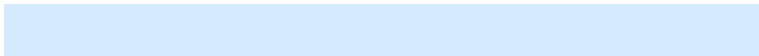
181, 246, 236

Triad

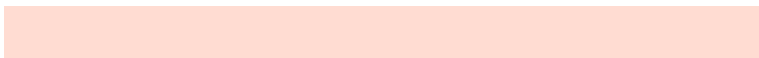
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



199, 244, 214



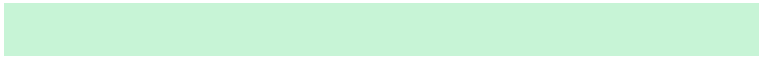
213, 234, 255



255, 220, 210

Complementary

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



199, 244, 214



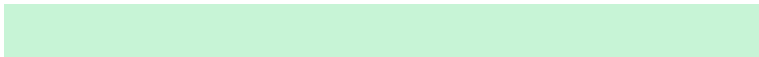
244, 199, 229

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, 218, 231



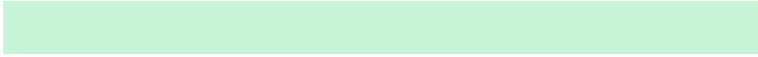
199, 244, 214



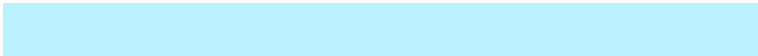
241, 227, 255

Square

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



199, 244, 214



188, 241, 255



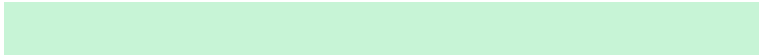
255, 221, 252



255, 226, 195

Rectangle

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



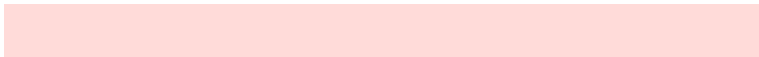
199, 244, 214



176, 245, 250



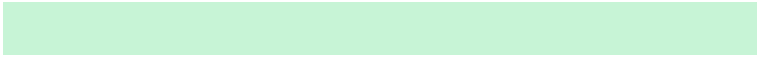
255, 221, 252



255, 219, 217

Sweetspot

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



199, 244, 214



240, 255, 245



229, 244, 199



119, 128, 122



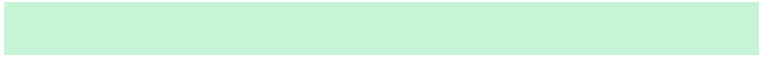
0, 0, 0



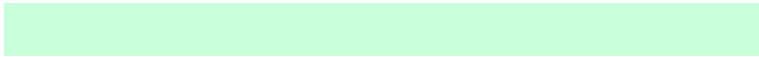
128, 128, 128

Same Dimension

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



199, 244, 214



199, 255, 218



199, 244, 237



110, 122, 114



0, 186, 62



0, 59, 20

Inverse Universe

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



244, 199, 229



255, 199, 236



244, 199, 207



122, 110, 118



186, 0, 124



59, 0, 39

Previews

White Background



This preview shows how the RGB color 199, 244, 214 looks on a white background.

Color Contrast Check

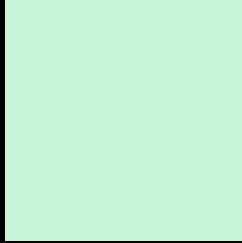
Large Text (above 18pt) WCAG AA × Fail

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 199, 244, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

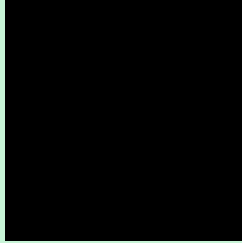
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

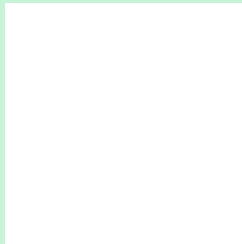
Any Text WCAG AAA ✓ Pass

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

RGB 199, 244, 214 Background



This preview shows how black text looks on a background with the RGB color 199, 244, 214.



This preview shows how white text looks on a background with the RGB color 199, 244, 214.

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





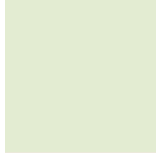
Tritanopia
209, 237, 255

Trichromacy



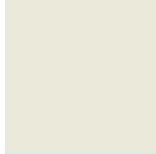
Original Color

199, 244, 214



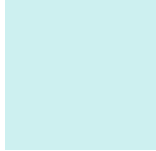
Protanomaly

227, 236, 210



Deuteranomaly

235, 233, 218



Tritanomaly

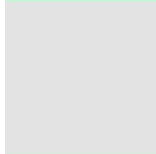
205, 240, 240

Monochromacy



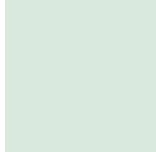
Original Color

199, 244, 214



Achromatopsia

227, 227, 227



Achromatomaly

217, 233, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 244, 214 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(199, 244, 214)` looks like.

```
.text, #text, p{  
    color:rgb(199, 244, 214)  
}
```

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(199, 244, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 244, 214) }
```

Border

The CSS property to change the border of an element to RGB 199, 244, 214 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(199, 244, 214) }
```

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

```
.border{ border-color:rgb(199, 244, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 244, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 244, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 244, 214);  
box-shadow:4px 4px 4px 4px rgb(199, 244,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 199, 244, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 244, 214) }
```

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

```
.background{ background-color: rgb(199,  
244, 214) }
```

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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