

Converting Colors

RGB(209, 250, 194)

Have a look what the booklet for
RGB(209, 250, 194) contains.

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Color

RGB(209, 250, 194)

Conversions

Conversions Part 1

Format	Color
Hex	D1FAC2
RGB	209, 250, 194
RGB Percent	82%, 98%, 76%
CMY	0.1804, 0.0196, 0.2392
CMYK	0.16, 0.00, 0.22, 0.02
HSL	104°, 85%, 87%
HSV	104°, 22%, 98%
XYZ	70.2177, 85.8216, 63.9033
YIQ	231.3570, -6.4600, -26.1080

Conversions

Conversions Part 2

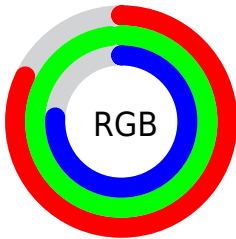
Format	Color
RYB	194, 250, 235
Decimal	13761218
CIELab	94.24, -23.15, 22.61
CIELCh	94, 32.364, 135.678
Yxy	85.8216, 0.3193, 0.3902
Android (android.graphics.Color)	4291951298 (0xFFD1FAC2)
YUV	231.3570, -18.4170, -19.6071
Hunter-Lab	92.6399, -26.8234, 23.9495

Details

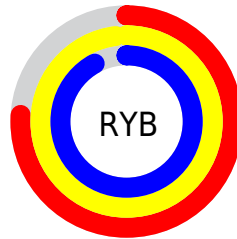
The RGB color **209, 250, 194** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **235, 194, 250**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 251**, and **154, 193, 140** is the 20% darker color. If you saturate the color by 10%, you get **191, 250, 169**, and if you desaturate by 10%, it is **227, 250, 219**.

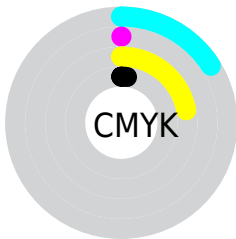
Distribution



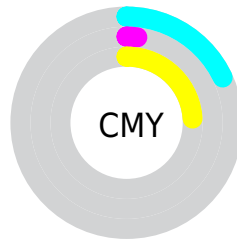
- Red (82%)
- Green (98%)
- Blue (76%)



- Red (76%)
- Yellow (98%)
- Blue (92%)



- Cyan (16%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)



- Cyan (18%)
- Magenta (2%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 250, 194 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 209, 250, 194 by changing the saturation by 10% instead.

 209, 250, 194

255, 255, 255


 255, 255, 251


 209, 250, 194


 181, 221, 167

 154, 193, 140

 128, 166, 114

 102, 140, 90

 77, 114, 66

 53, 89, 43

 29, 66, 21

 8, 43, 0

 0, 23, 0

 209, 250, 194

 209, 250, 194

 191, 250, 169


 227, 250, 219

 172, 250, 144

 246, 250, 244

 154, 250, 119

 255, 250, 255

 136, 250, 94

 117, 250, 69

 99, 250, 44

 81, 250, 19

 67, 250, 0

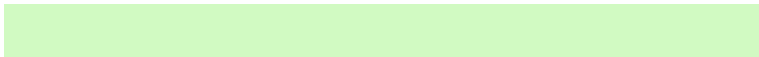
Harmonies

Analogous

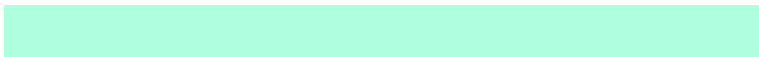
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244, 242, 178



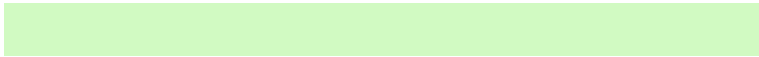
209, 250, 194



174, 255, 222

Triad

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



209, 250, 194



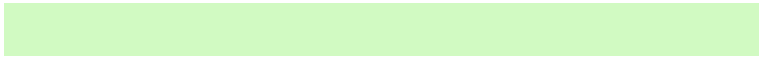
180, 246, 255



255, 216, 223

Complementary

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



209, 250, 194



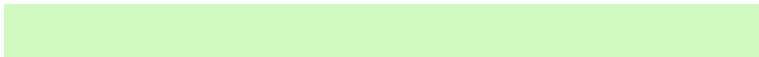
235, 194, 250

Split Complementary

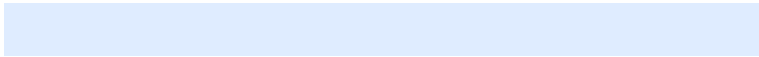
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 217, 255



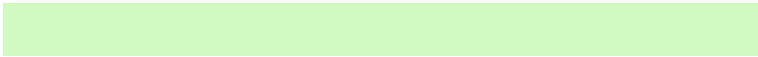
209, 250, 194



223, 236, 255

Square

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



209, 250, 194



150, 253, 255



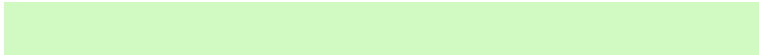
255, 225, 255



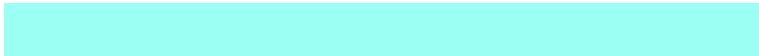
255, 222, 195

Rectangle

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



209, 250, 194



156, 255, 243



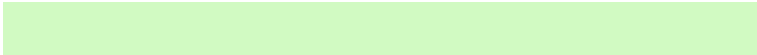
255, 225, 255



255, 216, 234

Sweetspot

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



209, 250, 194



242, 255, 237



250, 234, 194



120, 128, 117



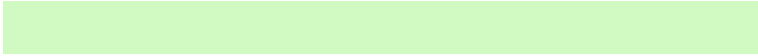
0, 0, 0



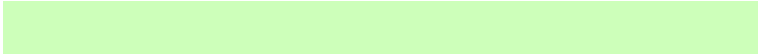
128, 128, 128

Same Dimension

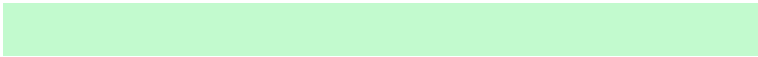
The Same Dimension uses a secret algorithm to generate beautiful new colors.



209, 250, 194



205, 255, 186



194, 250, 206



116, 125, 112



51, 189, 0



16, 61, 0

Inverse Universe

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



235, 194, 250



237, 186, 255



250, 194, 238



122, 112, 125



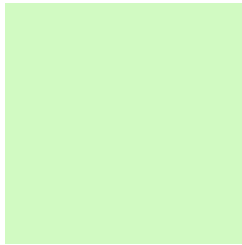
138, 0, 189



45, 0, 61

Previews

White Background



This preview shows how the RGB color 209, 250, 194 looks on a white background.

Color Contrast Check

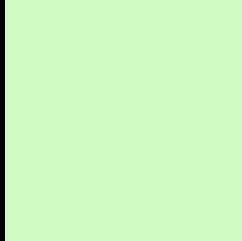
Large Text (above 18pt) WCAG AA × Fail

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 209, 250, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

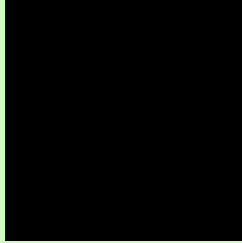
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

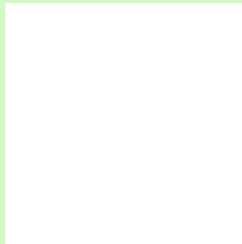
Any Text WCAG AAA ✓ Pass

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

RGB 209, 250, 194 Background



This preview shows how black text looks on a background with the RGB color 209, 250, 194.



This preview shows how white text looks on a background with the RGB color 209, 250, 194.

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

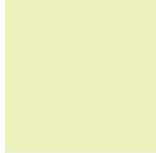
224, 240, 255

Trichromacy



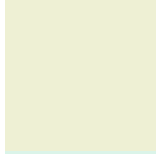
Original Color

209, 250, 194



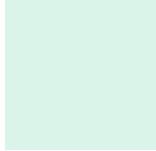
Protanomaly

237, 242, 190



Deuteranomaly

238, 240, 212



Tritanomaly

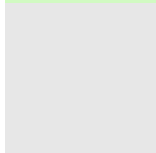
219, 244, 233

Monochromacy



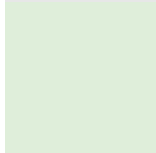
Original Color

209, 250, 194



Achromatopsia

231, 231, 231



Achromatomaly

223, 238, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 250, 194 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(209, 250, 194)` looks like.

```
.text, #text, p{  
    color:rgb(209, 250, 194)  
}
```

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(209, 250, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 250, 194) }
```

Border

The CSS property to change the border of an element to RGB 209, 250, 194 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(209, 250, 194) }
```

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

```
.border{ border-color:rgb(209, 250, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 250, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 250, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 250, 194);  
box-shadow:4px 4px 4px 4px rgb(209, 250,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 209, 250, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 250, 194) }
```

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

```
.background{ background-color: rgb(209,  
250, 194) }
```

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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