

Converting Colors

RGB(209, 250, 202)

Have a look what the booklet for
RGB(209, 250, 202) contains.

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Color

RGB(209, 250, 202)

Conversions

Conversions Part 1

Format	Color
Hex	D1FACA
RGB	209, 250, 202
RGB Percent	82%, 98%, 79%
CMY	0.1804, 0.0196, 0.2078
CMYK	0.16, 0.00, 0.19, 0.02
HSL	111°, 83%, 89%
HSV	111°, 19%, 98%
XYZ	71.1408, 86.1908, 68.7641
YIQ	232.2690, -9.0280, -23.6200

Conversions

Conversions Part 2

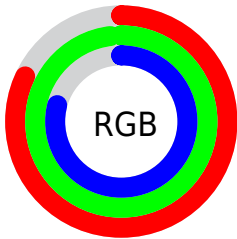
Format	Color
R_{YB}	202, 250, 243
Decimal	13761226
CIE _{Lab}	94.39, -21.86, 18.74
CIE _{LCh}	94, 28.797, 139.394
Yxy	86.1908, 0.3146, 0.3812
Android (android.graphics.Color)	4291951306 (0xFFD1FACA)
YUV	232.2690, -14.9226, -20.4069
Hunter-Lab	92.8390, -25.6871, 21.0723

Details

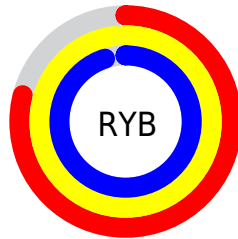
The RGB color **209, 250, 202** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **243, 202, 250**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **154, 193, 148** is the 20% darker color. If you saturate the color by 10%, you get **188, 250, 177**, and if you desaturate by 10%, it is **230, 250, 227**.

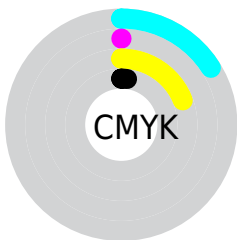
Distribution



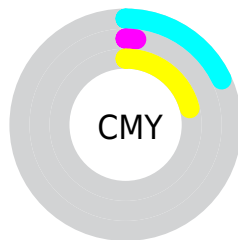
- Red (82%)
- Green (98%)
- Blue (79%)



- Red (79%)
- Yellow (98%)
- Blue (95%)



- Cyan (16%)
- Magenta (0%)
- Yellow (19%)
- Black (2%)



- Cyan (18%)
- Magenta (2%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 250, 202 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, 202 by changing the saturation by 10% instead.

■ 209, 250, 202

255, 255, 255

■ 209, 250, 202

■ 181, 221, 175

■ 154, 193, 148

■ 128, 166, 122

■ 102, 140, 97

■ 77, 114, 73

■ 53, 89, 50

■ 30, 66, 28

■ 7, 43, 5

■ 0, 24, 0

 209, 250, 202

 209, 250, 202

 188, 250, 177

 230, 250, 227


 166, 250, 152


 252, 250, 252

 145, 250, 127

 255, 250, 255

 124, 250, 102

 102, 250, 77

 81, 250, 52

 60, 250, 27

 38, 250, 2

 36, 250, 0

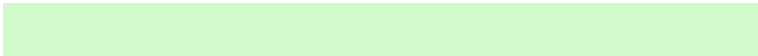
Harmonies

Analogous

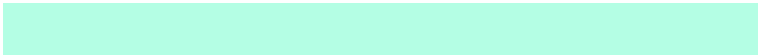
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241, 243, 186



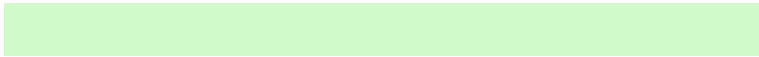
209, 250, 202



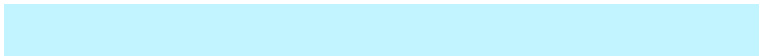
180, 254, 228

Triad

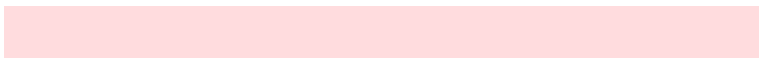
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



209, 250, 202



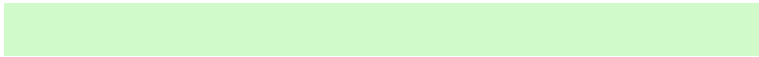
193, 244, 255



255, 220, 222

Complementary

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



209, 250, 202



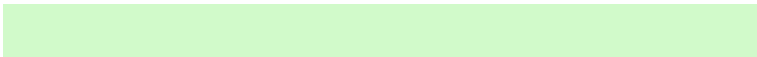
243, 202, 250

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, 220, 250



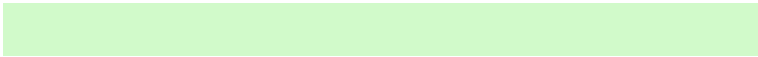
209, 250, 202



230, 235, 255

Square

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



209, 250, 202



166, 251, 255



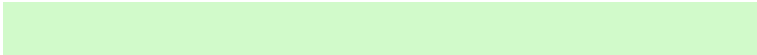
255, 226, 255



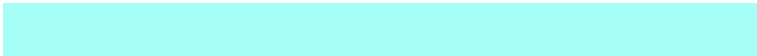
255, 225, 198

Rectangle

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



209, 250, 202



165, 255, 247



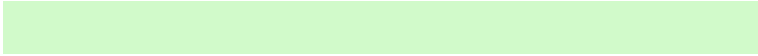
255, 226, 255



255, 219, 231

Sweetspot

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



209, 250, 202



242, 255, 240



250, 243, 202



120, 128, 119



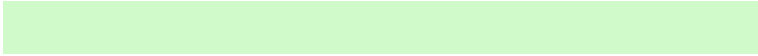
0, 0, 0



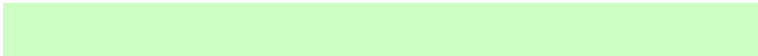
128, 128, 128

Same Dimension

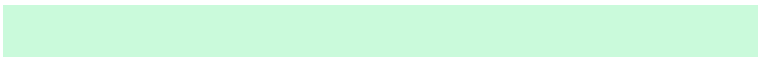
The Same Dimension uses a secret algorithm to generate beautiful new colors.



209, 250, 202



205, 255, 196



202, 250, 219



114, 125, 112



28, 189, 0



9, 61, 0

Inverse Universe

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



243, 202, 250



246, 196, 255



250, 202, 233



123, 112, 125



161, 0, 189



52, 0, 61

Previews

White Background



This preview shows how the RGB color 209, 250, 202 looks on a white background.

Color Contrast Check

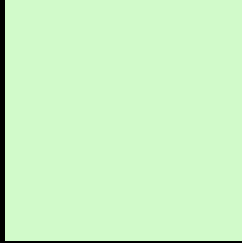
Large Text (above 18pt) WCAG AA × Fail

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, 202 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

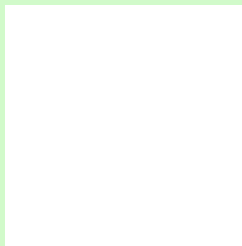
Any Text WCAG AAA ✓ Pass

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

RGB 209, 250, 202 Background



This preview shows how black text looks on a background with the RGB color 209, 250, 202.



This preview shows how white text looks on a background with the RGB color 209, 250, 202.

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

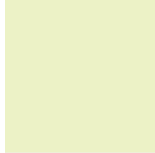
224, 241, 255

Trichromacy



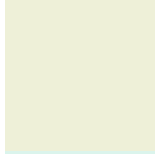
Original Color

209, 250, 202



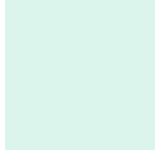
Protanomaly

236, 242, 198



Deuteranomaly

238, 240, 216



Tritanomaly

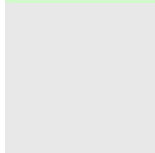
219, 244, 236

Monochromacy



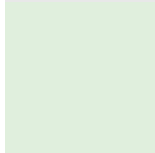
Original Color

209, 250, 202



Achromatopsia

232, 232, 232



Achromatomaly

224, 239, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 250, 202 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(209, 250, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 250, 202) }
```

Border

The CSS property to change the border of an element to RGB 209, 250, 202 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, 202) }
```

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

```
.border{ border-color:rgb(209, 250, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 250, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 250, 202);  
box-shadow:4px 4px 4px 4px rgb(209, 250,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 209, 250, 202 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, 202) }
```

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

```
.background{ background-color: rgb(209,  
250, 202) }
```

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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