

Converting Colors

RGB(209, 246, 200)

Have a look what the booklet for
RGB(209, 246, 200) contains.

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Color

RGB(209, 246, 200)

Conversions

Conversions Part 1	
Format	Color
Hex	D1F6C8
RGB	209, 246, 200
RGB Percent	82%, 96%, 78%
CMY	0.1804, 0.0353, 0.2157
CMYK	0.15, 0.00, 0.19, 0.04
HSL	108°, 72%, 87%
HSV	108°, 19%, 96%
XYZ	69.6756, 83.6370, 67.1148
YIQ	229.6930, -7.2860, -22.1500

Conversions

Conversions Part 2

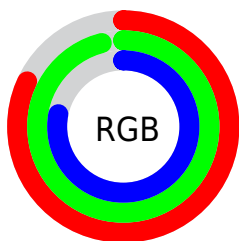
Format	Color
RYB	200, 246, 237
Decimal	13760200
CIELab	93.29, -20.25, 18.23
CIELCh	93, 27.248, 138.016
Yxy	83.6370, 0.3161, 0.3794
Android (android.graphics.Color)	4291950280 (0xFFD1F6C8)
YUV	229.6930, -14.6386, -18.1478
Hunter-Lab	91.4533, -24.0492, 20.5061

Details

The RGB color **209, 246, 200** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **237, 200, 246**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **154, 190, 146** is the 20% darker color. If you saturate the color by 10%, you get **189, 246, 175**, and if you desaturate by 10%, it is **229, 246, 225**.

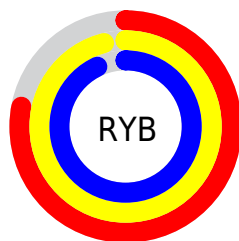
Distribution



Red (82%)

Green (96%)

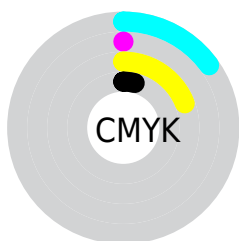
Blue (78%)



Red (78%)

Yellow (96%)

Blue (93%)

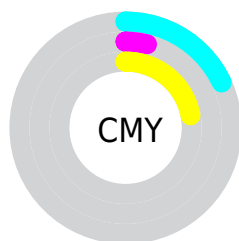


Cyan (15%)

Magenta (0%)

Yellow (19%)

Black (4%)



Cyan (18%)

Magenta (4%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 246, 200 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, 246, 200 by changing the saturation by 10% instead.

 209, 246, 200


 209, 246, 200

255, 255, 255

 181, 217, 173


 154, 190, 146

 128, 162, 120


 102, 136, 95

 78, 111, 71

 54, 86, 49

 31, 63, 27

 10, 40, 2

 0, 20, 0

 209, 246, 200

 209, 246, 200

 189, 246, 175

 229, 246, 225

 169, 246, 151

 249, 246, 249

 150, 246, 126


 255, 246, 255

 130, 246, 102

 110, 246, 77

 90, 246, 52

 70, 246, 28

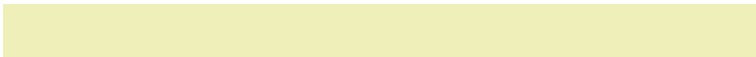
 51, 246, 3

 48, 246, 0

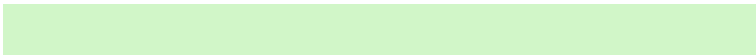
Harmonies

Analogous

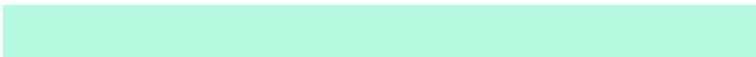
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239, 239, 186



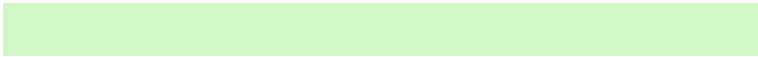
209, 246, 200



181, 250, 224

Triad

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



209, 246, 200



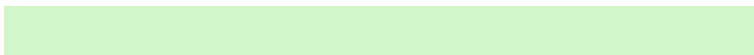
191, 241, 255



255, 217, 221

Complementary

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



209, 246, 200



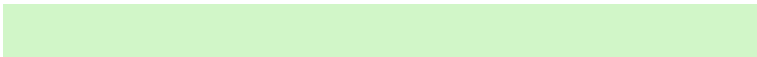
237, 200, 246

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, 247



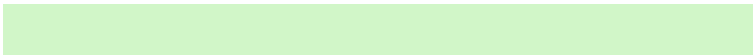
209, 246, 200



226, 233, 255

Square

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



209, 246, 200



167, 248, 255



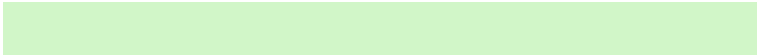
255, 224, 255



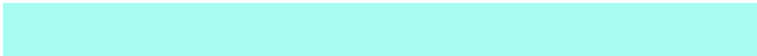
255, 222, 198

Rectangle

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



209, 246, 200



168, 251, 242



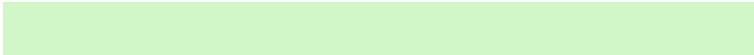
255, 224, 255



255, 217, 229

Sweetspot

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



209, 246, 200



243, 255, 240



246, 237, 200



120, 128, 119



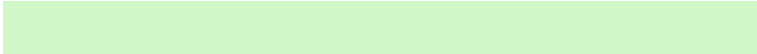
0, 0, 0



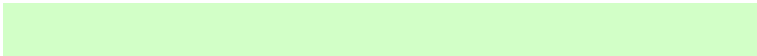
128, 128, 128

Same Dimension

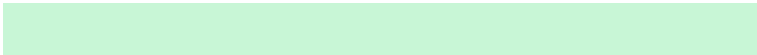
The Same Dimension uses a secret algorithm to generate beautiful new colors.



209, 246, 200



210, 255, 199



200, 246, 214



113, 122, 110



36, 186, 0



11, 59, 0

Inverse Universe

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



237, 200, 246



244, 199, 255



246, 200, 232



120, 110, 122



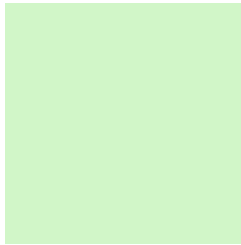
150, 0, 186



47, 0, 59

Previews

White Background



This preview shows how the RGB color 209, 246, 200 looks on a white background.

Color Contrast Check

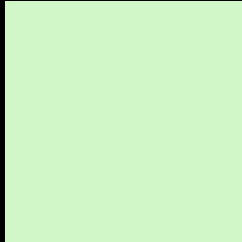
Large Text (above 18pt) WCAG AA × Fail

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, 246, 200 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

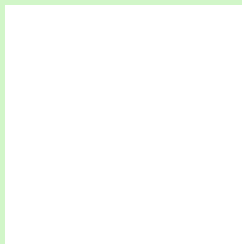
Any Text WCAG AAA ✓ Pass

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

RGB 209, 246, 200 Background



This preview shows how black text looks on a background with the RGB color 209, 246, 200.

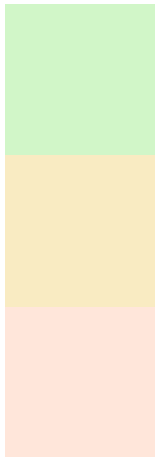


This preview shows how white text looks on a background with the RGB color 209, 246, 200.

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



Original Color

209, 246, 200

Protanopia

249, 235, 194

Deuteranopia

255, 230, 218



Tritanopia

220, 238, 255

Trichromacy

	Original Color 209, 246, 200
	Protanomaly 234, 239, 196
	Deuteranomaly 238, 236, 211
	Tritanomaly 216, 241, 235

Monochromacy

	Original Color 209, 246, 200
	Achromatopsia 230, 230, 230
	Achromatomaly 222, 236, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 246, 200 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, 246, 200) looks like.

```
.text, #text, p{  
    color:rgb(209, 246, 200)  
}
```

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, 246, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 246, 200) }
```

Border

The CSS property to change the border of an element to RGB 209, 246, 200 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, 246, 200) }
```

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

```
.border{ border-color:rgb(209, 246, 200) }
```

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

Here you see how a box with a 4 pixel rgb(209, 246, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 246, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 246, 200);  
box-shadow:4px 4px 4px 4px rgb(209, 246,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 209, 246, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 246, 200) }
```

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

```
.background{ background-color: rgb(209,  
246, 200) }
```

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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