

Converting Colors

RGB(200, 249, 216)

Have a look what the booklet for
RGB(200, 249, 216) contains.

RGB(200, 249, 216)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(200, 249, 216)

Conversions

Conversions Part 1

Format	Color
Hex	C8F9D8
RGB	200, 249, 216
RGB Percent	78%, 98%, 85%
CMY	0.2157, 0.0235, 0.1529
CMYK	0.20, 0.00, 0.13, 0.02
HSL	140°, 80%, 88%
HSV	140°, 20%, 98%
XYZ	70.0898, 84.9886, 77.6761
YIQ	230.5870, -18.6110, -20.6510

Conversions

Conversions Part 2

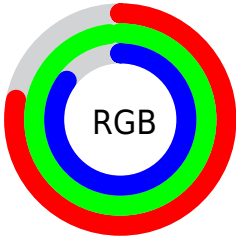
Format	Color
R _Y B	200, 237, 249
Decimal	13171160
CIE Lab	93.88, -21.89, 10.74
CIE LCh	94, 24.379, 153.864
Yxy	84.9886, 0.3011, 0.3651
Android (android.graphics.Color)	4291361240 (0xFFC8F9D8)
YUV	230.5870, -7.1914, -26.8248
Hunter-Lab	92.1893, -25.6210, 14.5764

Details

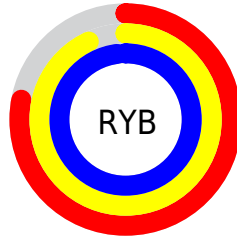
The RGB color **200, 249, 216** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **249, 200, 233**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **145, 192, 161** is the 20% darker color. If you saturate the color by 10%, you get **175, 249, 199**, and if you desaturate by 10%, it is **225, 249, 233**.

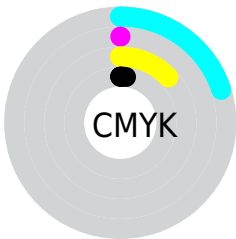
Distribution



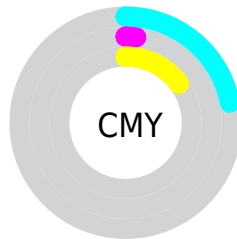
- Red (78%)
- Green (98%)
- Blue (85%)



- Red (78%)
- Yellow (93%)
- Blue (98%)



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)
- Black (2%)



- Cyan (22%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 249, 216 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 200, 249, 216 by changing the saturation by 10% instead.

■ 200, 249, 216

255, 255, 255

■ 200, 249, 216

■ 172, 220, 188

■ 145, 192, 161

■ 119, 165, 135

■ 94, 139, 110

■ 69, 113, 85

■ 45, 88, 62

■ 21, 65, 40

■ 0, 42, 20

■ 0, 22, 0

 200, 249, 216

 200, 249, 216

 175, 249, 199

 225, 249, 233

 150, 249, 182

 250, 249, 250

 125, 249, 166

 255, 249, 255

 100, 249, 149

 76, 249, 132

 51, 249, 115

 26, 249, 99

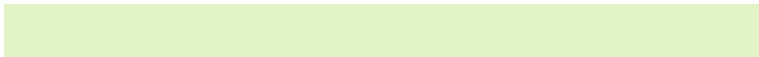
 1, 249, 82

 0, 249, 81

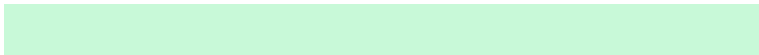
Harmonies

Analogous

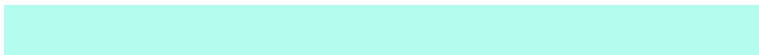
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226, 244, 198



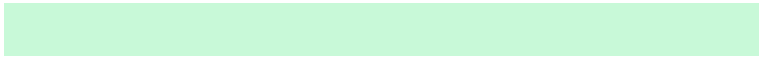
200, 249, 216



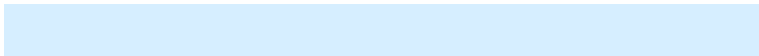
180, 251, 240

Triad

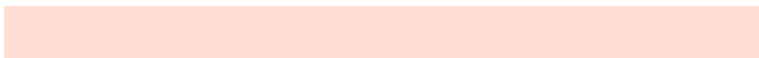
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



200, 249, 216



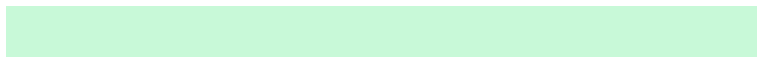
214, 238, 255



255, 223, 212

Complementary

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



200, 249, 216



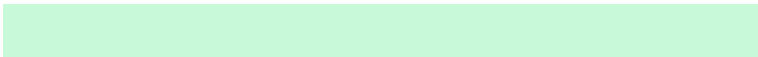
249, 200, 233

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, 221, 235



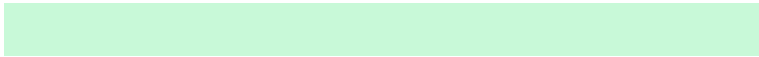
200, 249, 216



246, 230, 255

Square

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



200, 249, 216



187, 245, 255



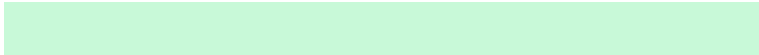
255, 224, 255



255, 229, 196

Rectangle

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



200, 249, 216



174, 251, 255



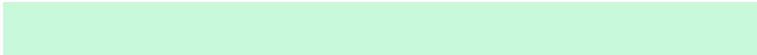
255, 224, 255



255, 222, 219

Sweetspot

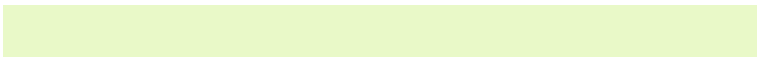
The Sweet Spot groups the original color and five complimentary colors.



200, 249, 216



240, 255, 245



233, 249, 200



119, 128, 121



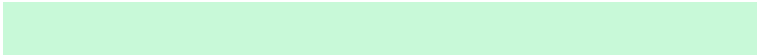
0, 0, 0



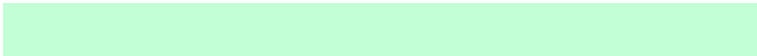
128, 128, 128

Same Dimension

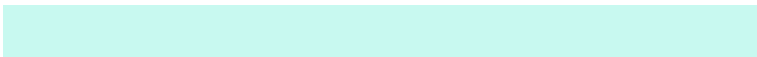
The Same Dimension uses a secret algorithm to generate beautiful new colors.



200, 249, 216



194, 255, 214



200, 249, 240



112, 125, 117



0, 189, 62



0, 61, 20

Inverse Universe

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



249, 200, 233



255, 194, 235



249, 200, 209



125, 112, 121



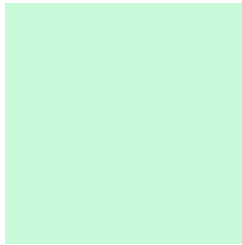
189, 0, 127



61, 0, 41

Previews

White Background



This preview shows how the RGB color 200, 249, 216 looks on a white background.

Color Contrast Check

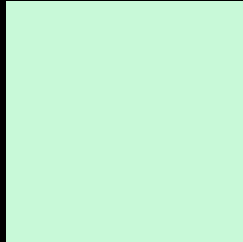
Large Text (above 18pt) WCAG AA × Fail

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 200, 249, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

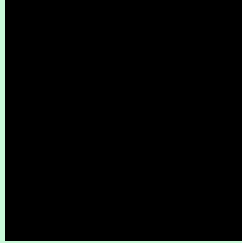
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

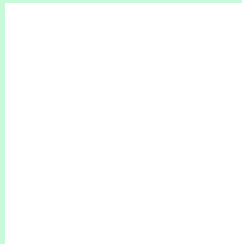
Any Text WCAG AAA ✓ Pass

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

RGB 200, 249, 216 Background



This preview shows how black text looks on a background with the RGB color 200, 249, 216.



This preview shows how white text looks on a background with the RGB color 200, 249, 216.

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





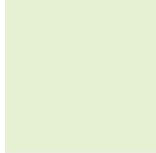
Tritanopia
217, 241, 255

Trichromacy



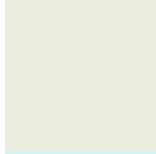
Original Color

200, 249, 216



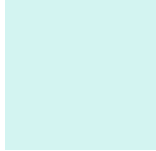
Protanomaly

230, 241, 212



Deuteranomaly

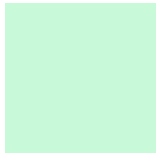
235, 238, 223



Tritanomaly

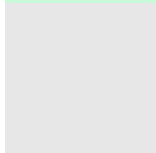
211, 244, 241

Monochromacy



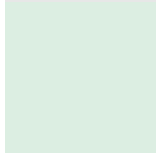
Original Color

200, 249, 216



Achromatopsia

231, 231, 231



Achromatomaly

220, 238, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 249, 216 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(200, 249, 216)` looks like.

```
.text, #text, p{  
    color:rgb(200, 249, 216)  
}
```

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(200, 249, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 249, 216) }
```

Border

The CSS property to change the border of an element to RGB 200, 249, 216 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(200, 249, 216) }
```

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

```
.border{ border-color:rgb(200, 249, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 249, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 249, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 249, 216);  
box-shadow:4px 4px 4px 4px rgb(200, 249,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 200, 249, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 249, 216) }
```

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

```
.background{ background-color: rgb(200,  
249, 216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor