

Converting Colors

RGB(217, 251, 216)

Have a look what the booklet for
RGB(217, 251, 216) contains.

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Color

RGB(217, 251, 216)

Conversions

Conversions Part 1

Format	Color
Hex	D9FBD8
RGB	217, 251, 216
RGB Percent	85%, 98%, 85%
CMY	0.1490, 0.0157, 0.1529
CMYK	0.14, 0.00, 0.14, 0.02
HSL	118°, 81%, 92%
HSV	118°, 14%, 98%
XYZ	75.5071, 88.7039, 78.1077
YIQ	236.8440, -9.0290, -18.0930

Conversions

Conversions Part 2

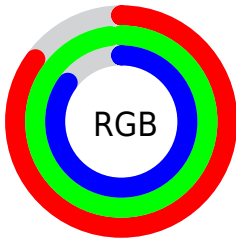
Format	Color
R_{YB}	216, 251, 250
Decimal	14285784
CIE _{Lab}	95.46, -17.34, 13.13
CIE _{LCh}	95, 21.750, 142.865
Yxy	88.7039, 0.3116, 0.3661
Android (android.graphics.Color)	4292475864 (0xFFD9FBD8)
YUV	236.8440, -10.2761, -17.4032
Hunter-Lab	94.1828, -21.7149, 16.7575

Details

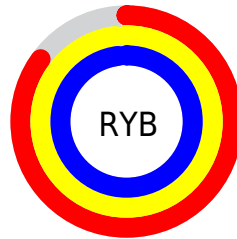
The RGB color **217, 251, 216** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **250, 216, 251**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **162, 194, 161** is the 20% darker color. If you saturate the color by 10%, you get **193, 251, 191**, and if you desaturate by 10%, it is **241, 251, 241**.

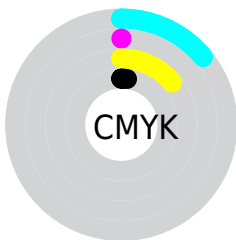
Distribution



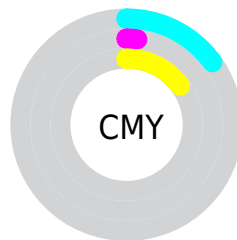
- Red (85%)
- Green (98%)
- Blue (85%)



- Red (85%)
- Yellow (98%)
- Blue (98%)



- Cyan (14%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 251, 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 217, 251, 216 by changing the saturation by 10% instead.

 217, 251, 216

255, 255, 255

 217, 251, 216


 189, 222, 188

 162, 194, 161

 135, 167, 135

 110, 141, 110

 85, 115, 85

 61, 90, 62

 39, 67, 40


 16, 44, 19

 0, 25, 0

 217, 251, 216

 217, 251, 216

 193, 251, 191

 241, 251, 241


 168, 251, 166

 255, 251, 255

 144, 251, 141

 119, 251, 116

 95, 251, 91

 71, 251, 65

 46, 251, 40

 22, 251, 15

 7, 251, 0

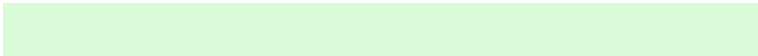
Harmonies

Analogous

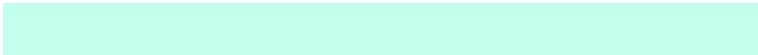
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241, 246, 203



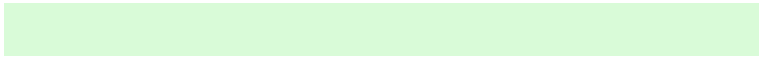
217, 251, 216



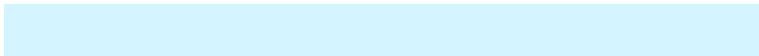
196, 254, 236

Triad

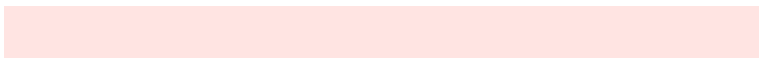
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217, 251, 216



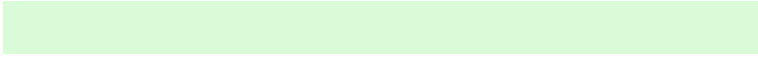
212, 245, 255



255, 228, 226

Complementary

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



217, 251, 216



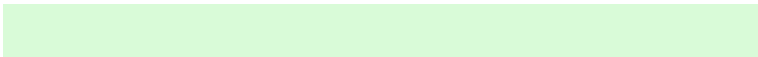
250, 216, 251

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, 228, 248



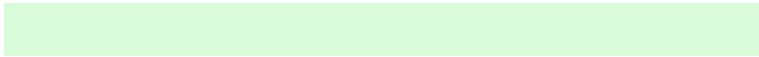
217, 251, 216



239, 238, 255

Square

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



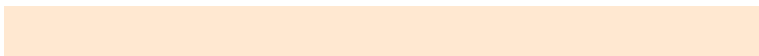
217, 251, 216



192, 251, 255



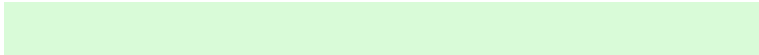
255, 232, 255



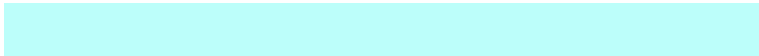
255, 232, 209

Rectangle

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



217, 251, 216



188, 254, 250



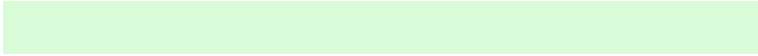
255, 232, 255



255, 227, 233

Sweetspot

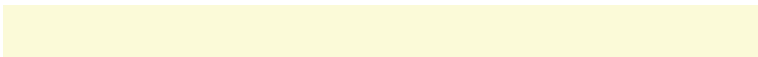
The Sweet Spot groups the original color and five complimentary colors.



217, 251, 216



245, 255, 245



251, 250, 216



121, 128, 121



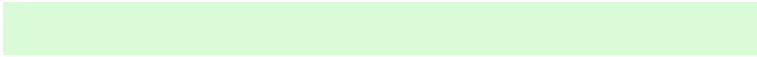
0, 0, 0



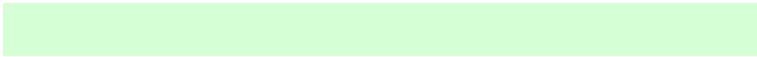
128, 128, 128

Same Dimension

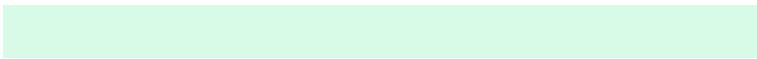
The Same Dimension uses a secret algorithm to generate beautiful new colors.



217, 251, 216



213, 255, 212



216, 251, 232



113, 125, 112



5, 189, 0



2, 61, 0

Inverse Universe

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



250, 216, 251



254, 212, 255



251, 216, 235



125, 112, 125



183, 0, 189



59, 0, 61

Previews

White Background



This preview shows how the RGB color 217, 251, 216 looks on a white background.

Color Contrast Check

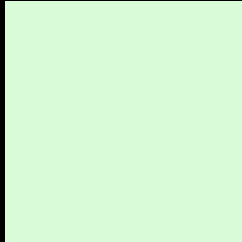
Large Text (above 18pt) WCAG AA × Fail

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 217, 251, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

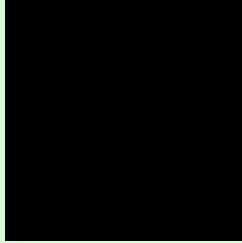
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

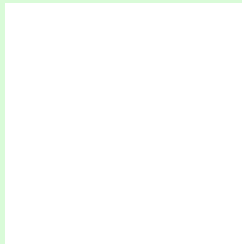
Any Text WCAG AAA ✓ Pass

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

RGB 217, 251, 216 Background



This preview shows how black text looks on a background with the RGB color 217, 251, 216.



This preview shows how white text looks on a background with the RGB color 217, 251, 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

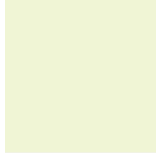
232, 243, 255

Trichromacy



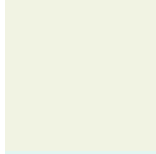
Original Color

217, 251, 216



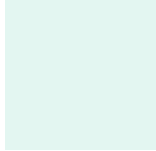
Protanomaly

240, 245, 213



Deuteranomaly

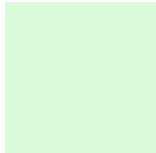
241, 243, 227



Tritanomaly

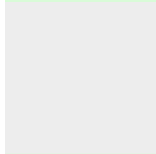
227, 246, 241

Monochromacy



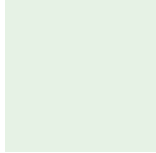
Original Color

217, 251, 216



Achromatopsia

237, 237, 237



Achromatomaly

230, 242, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 251, 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(217, 251, 216)` looks like.

```
.text, #text, p{  
    color:rgb(217, 251, 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(217, 251, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 251, 216) }
```

Border

The CSS property to change the border of an element to RGB 217, 251, 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(217, 251, 216) }
```

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

```
.border{ border-color:rgb(217, 251, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 251, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 251, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 251, 216); box-shadow:4px 4px 4px 4px rgb(217, 251, 216) }
```

Background

The CSS property to change the background color of an element to RGB 217, 251, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 251, 216) }
```

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

```
.background{ background-color: rgb(217,  
251, 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](#).

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