

Converting Colors

RGB(226, 250, 217)

Have a look what the booklet for
RGB(226, 250, 217) contains.

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Color

RGB(226, 250, 217)

Conversions

Conversions Part 1

Format	Color
Hex	E2FAD9
RGB	226, 250, 217
RGB Percent	89%, 98%, 85%
CMY	0.1137, 0.0196, 0.1490
CMYK	0.10, 0.00, 0.13, 0.02
HSL	104°, 77%, 92%
HSV	104°, 13%, 98%
XYZ	78.0740, 89.5497, 78.8155
YIQ	239.0620, -3.7110, -15.3510

Conversions

Conversions Part 2

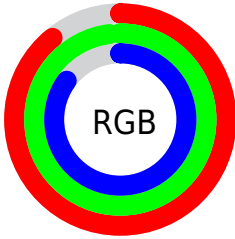
Format	Color
RYB	217, 250, 241
Decimal	14875353
CIELab	95.81, -13.67, 13.20
CIELCh	96, 19.004, 136.007
Yxy	89.5497, 0.3168, 0.3634
Android (android.graphics.Color)	4293065433 (0xFFE2FAD9)
YUV	239.0620, -10.8766, -11.4554
Hunter-Lab	94.6307, -18.3343, 16.8604

Details

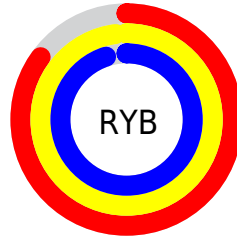
The RGB color **226, 250, 217** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **241, 217, 250**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is **255, 255, 255**, and **171, 194, 162** is the 20% darker color. If you saturate the color by 10%, you get **208, 250, 192**, and if you desaturate by 10%, it is **244, 250, 242**.

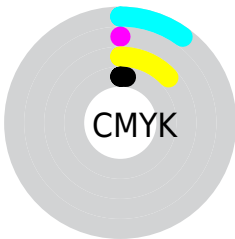
Distribution



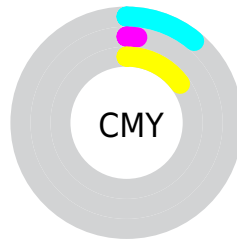
- Red (89%)
- Green (98%)
- Blue (85%)



- Red (85%)
- Yellow (98%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (2%)



- Cyan (11%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 250, 217 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 226, 250, 217 by changing the saturation by 10% instead.


 226, 250, 217

255, 255, 255

 226, 250, 217

 198, 221, 189

 171, 194, 162

 144, 166, 136

 118, 140, 110

 93, 114, 86

 69, 90, 63

 47, 66, 41

 25, 44, 20

 0, 24, 0

 226, 250, 217

 226, 250, 217

 208, 250, 192

 244, 250, 242

 190, 250, 167

 255, 250, 255

 171, 250, 142


 153, 250, 117

 135, 250, 92

 117, 250, 67

 99, 250, 42

 81, 250, 17

 68, 250, 0

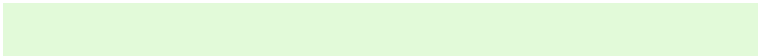
Harmonies

Analogous

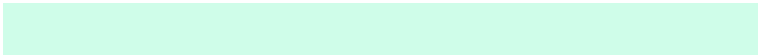
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247, 245, 208



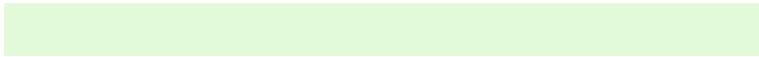
226, 250, 217



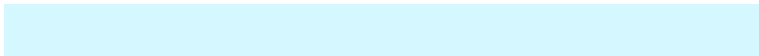
207, 253, 233

Triad

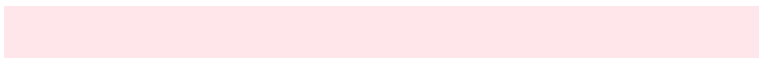
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226, 250, 217



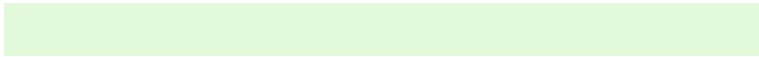
213, 247, 255



255, 230, 234

Complementary

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



226, 250, 217



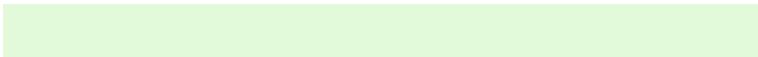
241, 217, 250

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, 231, 252



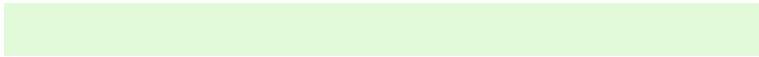
226, 250, 217



235, 241, 255

Square

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



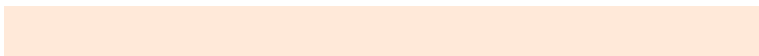
226, 250, 217



198, 252, 255



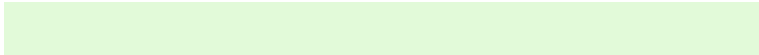
255, 235, 255



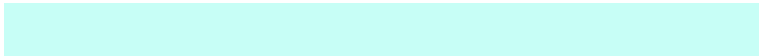
255, 233, 217

Rectangle

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



226, 250, 217



199, 254, 246



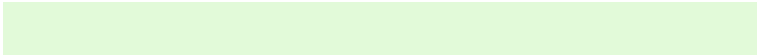
255, 235, 255



255, 230, 240

Sweetspot

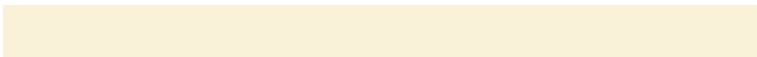
The Sweet Spot groups the original color and five complimentary colors.



226, 250, 217



248, 255, 245



250, 241, 217



123, 128, 121



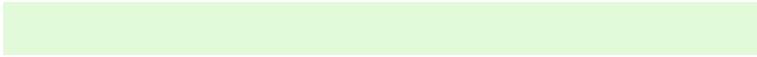
0, 0, 0



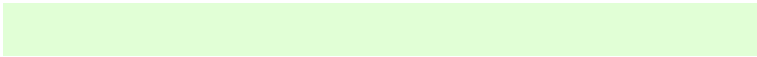
128, 128, 128

Same Dimension

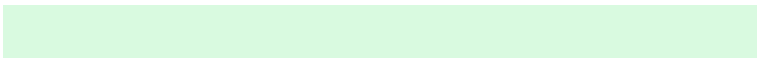
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226, 250, 217



225, 255, 214



217, 250, 224



116, 125, 112



51, 189, 0



17, 61, 0

Inverse Universe

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



241, 217, 250



244, 214, 255



250, 217, 243



122, 112, 125



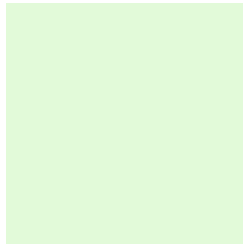
137, 0, 189



45, 0, 61

Previews

White Background



This preview shows how the RGB color 226, 250, 217 looks on a white background.

Color Contrast Check

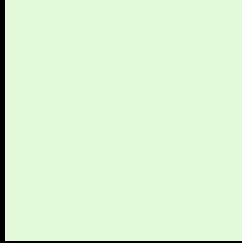
Large Text (above 18pt) WCAG AA × Fail

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 226, 250, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

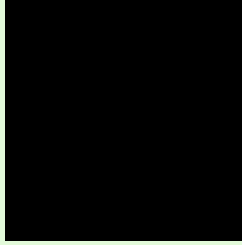
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

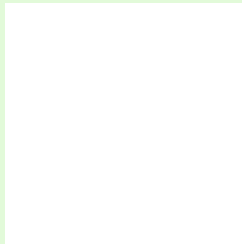
Any Text WCAG AAA ✓ Pass

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

RGB 226, 250, 217 Background



This preview shows how black text looks on a background with the RGB color 226, 250, 217.



This preview shows how white text looks on a background with the RGB color 226, 250, 217.

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

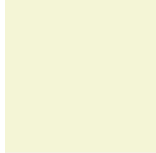
237, 243, 255

Trichromacy



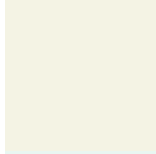
Original Color

226, 250, 217



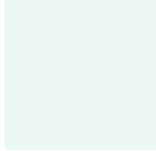
Protanomaly

244, 245, 214



Deuteranomaly

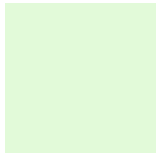
244, 243, 228



Tritanomaly

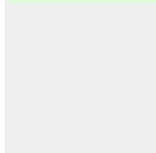
233, 246, 241

Monochromacy



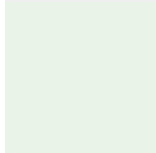
Original Color

226, 250, 217



Achromatopsia

239, 239, 239



Achromatomaly

234, 243, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 250, 217 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(226, 250, 217)` looks like.

```
.text, #text, p{  
    color:rgb(226, 250, 217)  
}
```

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(226, 250, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 250, 217) }
```

Border

The CSS property to change the border of an element to RGB 226, 250, 217 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(226, 250, 217) }
```

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

```
.border{ border-color:rgb(226, 250, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 250, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 250, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 250, 217); box-shadow:4px 4px 4px 4px rgb(226, 250, 217) }
```

Background

The CSS property to change the background color of an element to RGB 226, 250, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 250, 217) }
```

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

```
.background{ background-color: rgb(226,  
250, 217) }
```

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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