

Converting Colors

RGB(217, 240, 213)

Have a look what the booklet for
RGB(217, 240, 213) contains.

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Color

RGB(217, 240, 213)

Conversions

Conversions Part 1

Format	Color
Hex	D9F0D5
RGB	217, 240, 213
RGB Percent	85%, 94%, 84%
CMY	0.1490, 0.0588, 0.1647
CMYK	0.10, 0.00, 0.11, 0.06
HSL	111°, 47%, 89%
HSV	111°, 11%, 94%
XYZ	71.7856, 81.8760, 74.9709
YIQ	230.0450, -5.0410, -13.2730

Conversions

Conversions Part 2

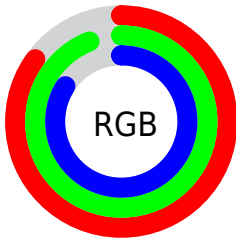
Format	Color
RYB	213, 240, 236
Decimal	14282965
CIELab	92.52, -12.42, 10.50
CIELCh	93, 16.260, 139.794
Yxy	81.8760, 0.3140, 0.3581
Android (android.graphics.Color)	4292473045 (0xFFD9F0D5)
YUV	230.0450, -8.4032, -11.4405
Hunter-Lab	90.4854, -16.7383, 14.2155

Details

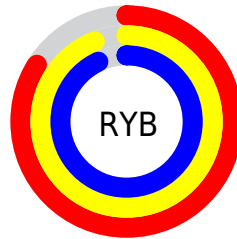
The RGB color **217, 240, 213** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **236, 213, 240**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **162, 184, 158** is the 20% darker color. If you saturate the color by 10%, you get **197, 240, 189**, and if you desaturate by 10%, it is **237, 240, 237**.

Distribution



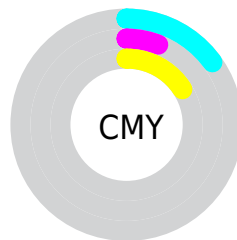
- Red (85%)
- Green (94%)
- Blue (84%)



- Red (84%)
- Yellow (94%)
- Blue (93%)



- Cyan (10%)
- Magenta (0%)
- Yellow (11%)
- Black (6%)



- Cyan (15%)
- Magenta (6%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 240, 213 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, 240, 213 by changing the saturation by 10% instead.

■ 217, 240, 213

255, 255, 255

■ 217, 240, 213

■ 189, 212, 185

■ 162, 184, 158

■ 136, 157, 132

■ 110, 131, 107

■ 86, 106, 83

■ 62, 82, 60

■ 40, 58, 38

■ 19, 37, 17

■ 0, 16, 0

 217, 240, 213

 217, 240, 213

 197, 240, 189

 237, 240, 237

 176, 240, 165

 255, 240, 255

 156, 240, 141


 135, 240, 117

 115, 240, 93

 94, 240, 69

 74, 240, 45

 53, 240, 21

 36, 240, 0

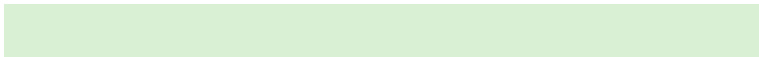
Harmonies

Analogous

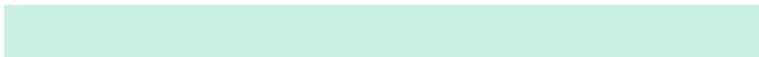
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235, 236, 204



217, 240, 213



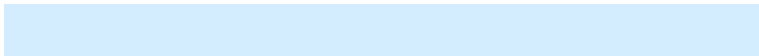
202, 242, 227

Triad

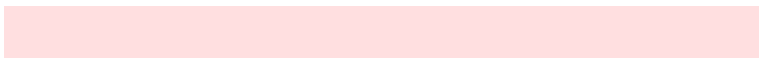
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217, 240, 213



211, 237, 255



255, 223, 224

Complementary

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



217, 240, 213



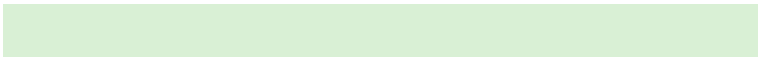
236, 213, 240

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, 223, 240



217, 240, 213



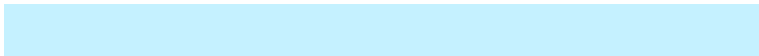
230, 231, 255

Square

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



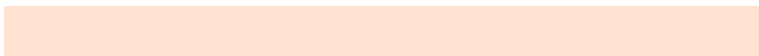
217, 240, 213



197, 241, 255



249, 226, 254



255, 226, 210

Rectangle

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



217, 240, 213



195, 243, 238



249, 226, 254



255, 223, 229

Sweetspot

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



217, 240, 213



248, 255, 247



240, 236, 213



123, 128, 122



0, 0, 0



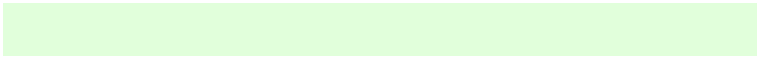
128, 128, 128

Same Dimension

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



217, 240, 213



225, 255, 219



213, 240, 222



110, 120, 108



27, 184, 0



8, 56, 0

Inverse Universe

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



236, 213, 240



250, 219, 255



240, 213, 231



118, 108, 120



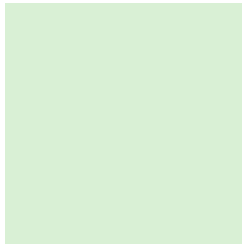
156, 0, 184



48, 0, 56

Previews

White Background



This preview shows how the RGB color 217, 240, 213 looks on a white background.

Color Contrast Check

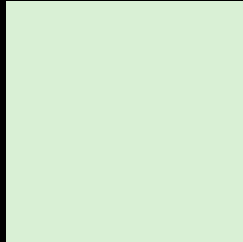
Large Text (above 18pt) WCAG AA × Fail

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, 240, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

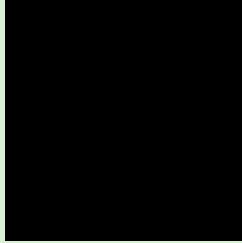
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

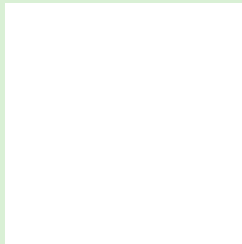
Any Text WCAG AAA ✓ Pass

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

RGB 217, 240, 213 Background



This preview shows how black text looks on a background with the RGB color 217, 240, 213.

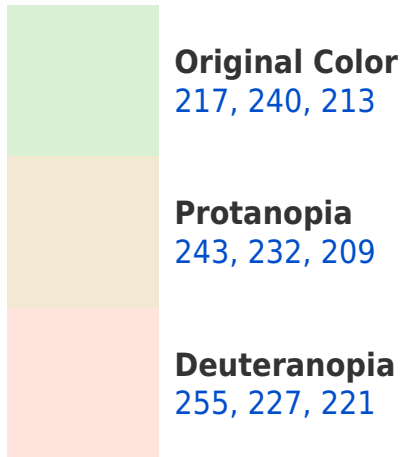


This preview shows how white text looks on a background with the RGB color 217, 240, 213.

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

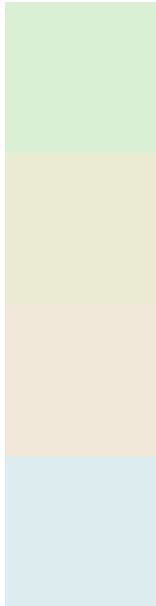




Tritanopia

223, 234, 253

Trichromacy



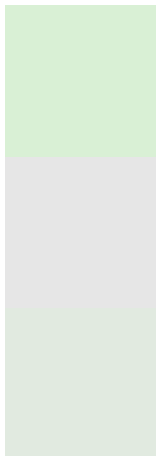
Original Color
217, 240, 213

Protanomaly
234, 235, 210

Deuteranomaly
241, 232, 218

Tritanomaly
221, 236, 238

Monochromacy



Original Color
217, 240, 213

Achromatopsia
230, 230, 230

Achromatomaly
225, 234, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 240, 213 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, 240, 213)` looks like.

```
.text, #text, p{  
    color:rgb(217, 240, 213)  
}
```

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, 240, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 240, 213) }
```

Border

The CSS property to change the border of an element to RGB 217, 240, 213 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, 240, 213) }
```

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

```
.border{ border-color:rgb(217, 240, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 240, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 240, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 240, 213);  
box-shadow:4px 4px 4px 4px rgb(217, 240,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 217, 240, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 240, 213) }
```

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

```
.background{ background-color: rgb(217,  
240, 213) }
```

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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