

Converting Colors

RGB(213, 250, 222)

Have a look what the booklet for
RGB(213, 250, 222) contains.

RGB(213, 250, 222)	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(213, 250, 222)

Conversions

Conversions Part 1

Format	Color
Hex	D5FADE
RGB	213, 250, 222
RGB Percent	84%, 98%, 87%
CMY	0.1647, 0.0196, 0.1294
CMYK	0.15, 0.00, 0.11, 0.02
HSL	135°, 79%, 91%
HSV	135°, 15%, 98%
XYZ	74.8110, 87.7913, 82.1097
YIQ	235.7450, -13.0640, -16.5520

Conversions

Conversions Part 2

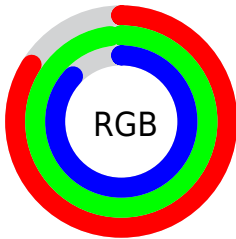
Format	Color
R _Y B	213, 243, 250
Decimal	14023390
CIE Lab	95.07, -17.11, 9.46
CIE LCh	95, 19.555, 151.062
Yxy	87.7913, 0.3057, 0.3588
Android (android.graphics.Color)	4292213470 (0xFFD5FADE)
YUV	235.7450, -6.7763, -19.9474
Hunter-Lab	93.6970, -21.4490, 13.6302

Details

The RGB color **213, 250, 222** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **250, 213, 241**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **158, 193, 167** is the 20% darker color. If you saturate the color by 10%, you get **188, 250, 203**, and if you desaturate by 10%, it is **238, 250, 241**.

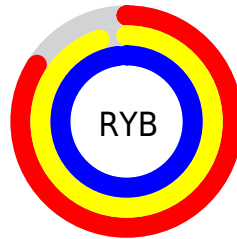
Distribution



Red (84%)

Green (98%)

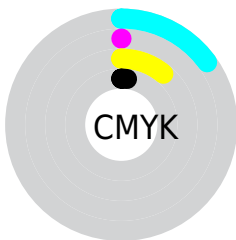
Blue (87%)



Red (84%)

Yellow (95%)

Blue (98%)

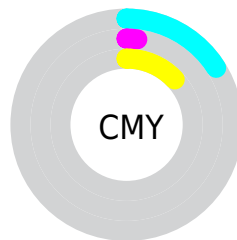


Cyan (15%)

Magenta (0%)

Yellow (11%)

Black (2%)



Cyan (16%)

Magenta (2%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 250, 222 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 213, 250, 222 by changing the saturation by 10% instead.

■ 213, 250, 222

255, 255, 255

■ 213, 250, 222

■ 185, 221, 194

■ 158, 193, 167

■ 132, 166, 141

■ 106, 140, 115

■ 82, 114, 90

■ 58, 90, 67

■ 35, 66, 45

■ 13, 44, 24

■ 0, 24, 0

 213, 250, 222

 213, 250, 222

 188, 250, 203

 238, 250, 241

 163, 250, 184

 255, 250, 255

 138, 250, 165

 113, 250, 146

 88, 250, 127

 63, 250, 108

 38, 250, 90

 13, 250, 71

 0, 250, 61

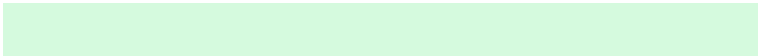
Harmonies

Analogous

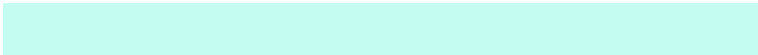
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234, 246, 208



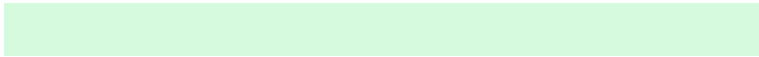
213, 250, 222



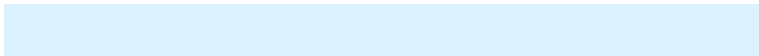
197, 252, 241

Triad

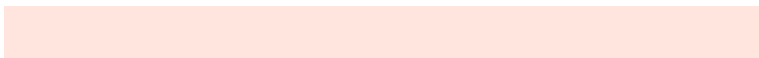
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



213, 250, 222



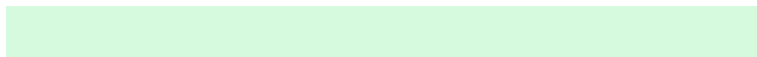
221, 242, 255



255, 229, 222

Complementary

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



213, 250, 222



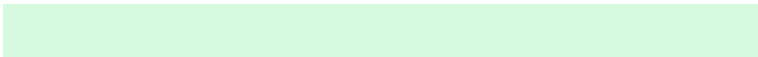
250, 213, 241

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, 241



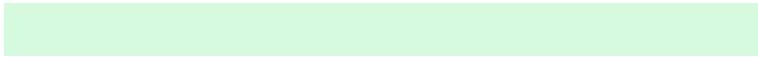
213, 250, 222



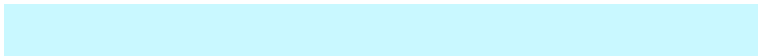
245, 236, 255

Square

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



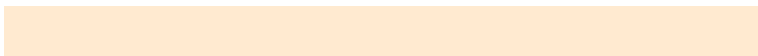
213, 250, 222



201, 248, 255



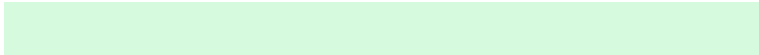
255, 230, 255



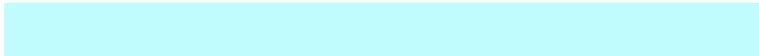
255, 234, 208

Rectangle

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



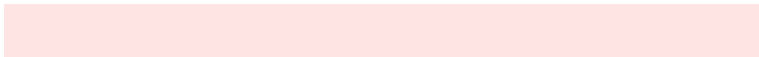
213, 250, 222



192, 252, 254



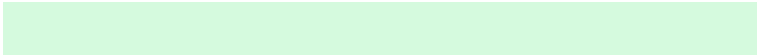
255, 230, 255



255, 228, 228

Sweetspot

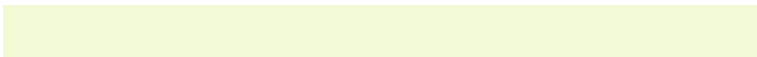
The Sweet Spot groups the original color and five complimentary colors.



213, 250, 222



245, 255, 247



241, 250, 213



121, 128, 123



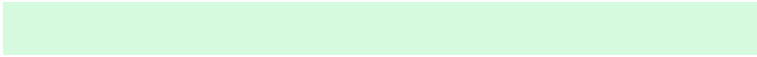
0, 0, 0



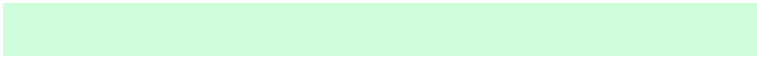
128, 128, 128

Same Dimension

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



213, 250, 222



209, 255, 220



213, 250, 240



112, 125, 115



0, 189, 46



0, 61, 15

Inverse Universe

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



250, 213, 241



255, 209, 244



250, 213, 223



125, 112, 122



189, 0, 143



61, 0, 46

Previews

White Background



This preview shows how the RGB color 213, 250, 222 looks on a white background.

Color Contrast Check

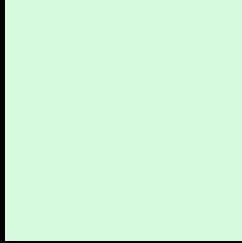
Large Text (above 18pt) WCAG AA × Fail

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 213, 250, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

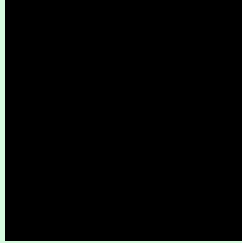
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

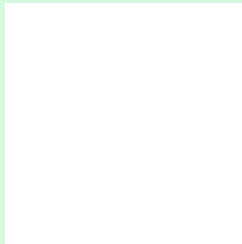
Any Text WCAG AAA ✓ Pass

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

RGB 213, 250, 222 Background



This preview shows how black text looks on a background with the RGB color 213, 250, 222.



This preview shows how white text looks on a background with the RGB color 213, 250, 222.

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

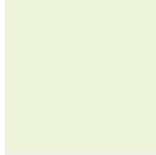
228, 243, 255

Trichromacy



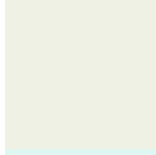
Original Color

213, 250, 222



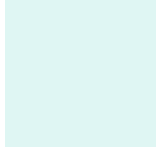
Protanomaly

237, 244, 218



Deuteranomaly

240, 241, 229



Tritanomaly

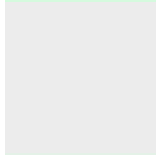
223, 246, 243

Monochromacy



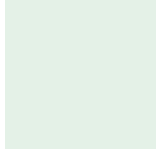
Original Color

213, 250, 222



Achromatopsia

236, 236, 236



Achromatomaly

228, 241, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 250, 222 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(213, 250, 222)` looks like.

```
.text, #text, p{  
    color:rgb(213, 250, 222)  
}
```

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(213, 250, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 250, 222) }
```

Border

The CSS property to change the border of an element to RGB 213, 250, 222 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(213, 250, 222) }
```

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

```
.border{ border-color:rgb(213, 250, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 250, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 250, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 250, 222); box-shadow:4px 4px 4px 4px rgb(213, 250, 222) }
```

Background

The CSS property to change the background color of an element to RGB 213, 250, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 250, 222) }
```

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

```
.background{ background-color: rgb(213,  
250, 222) }
```

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