

Converting Colors

RGB(206, 254, 214)

Have a look what the booklet for
RGB(206, 254, 214) contains.

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Color

RGB(206, 254, 214)

Conversions

Conversions Part 1

Format	Color
Hex	CEFED6
RGB	206, 254, 214
RGB Percent	81%, 100%, 84%
CMY	0.1922, 0.0039, 0.1608
CMYK	0.19, 0.00, 0.16, 0.00
HSL	130°, 96%, 90%
HSV	130°, 19%, 100%
XYZ	73.0330, 88.8605, 76.9209
YIQ	235.0880, -15.7680, -22.6160

Conversions

Conversions Part 2

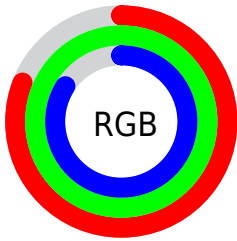
Format	Color
R _{YB}	206, 247, 254
Decimal	13565654
CIE _{Lab}	95.52, -22.74, 14.15
CIE _{LCh}	96, 26.782, 148.095
Y _{xy}	88.8605, 0.3058, 0.3721
Android (android.graphics.Color)	4291755734 (0xFFCEFED6)
YUV	235.0880, -10.3964, -25.5102
Hunter-Lab	94.2658, -26.6713, 17.6055

Details

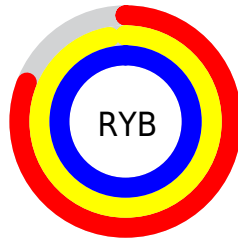
The RGB color **206, 254, 214** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **254, 206, 246**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **151, 197, 159** is the 20% darker color. If you saturate the color by 10%, you get **181, 254, 193**, and if you desaturate by 10%, it is **231, 254, 235**.

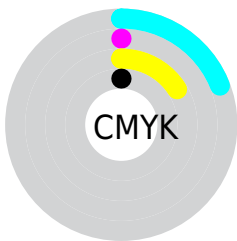
Distribution



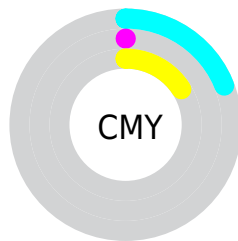
- Red (81%)
- Green (100%)
- Blue (84%)



- Red (81%)
- Yellow (97%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (19%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 206, 254, 214 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 206, 254, 214 by changing the saturation by 10% instead.

206, 254, 214

206, 254, 214

255, 255, 255

178, 225, 186

151, 197, 159

125, 170, 133

99, 143, 108

74, 117, 83

50, 93, 60

26, 69, 38

1, 46, 18

0, 27, 0

■ 206, 254, 214

■ 206, 254, 214

■ 181, 254, 193

■ 231, 254, 235

■ 155, 254, 172

255, 254, 255

■ 130, 254, 151

■ 104, 254, 129

■ 79, 254, 108

■ 54, 254, 87

■ 28, 254, 66

■ 3, 254, 45

■ 0, 254, 42

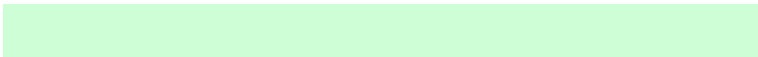
Harmonies

Analogous

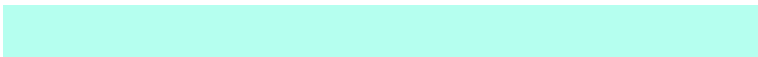
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236, 248, 196



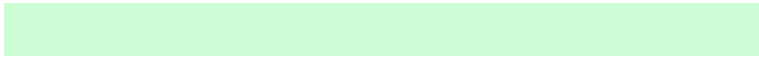
206, 254, 214



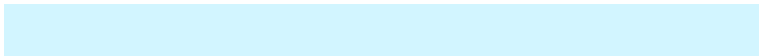
181, 255, 239

Triad

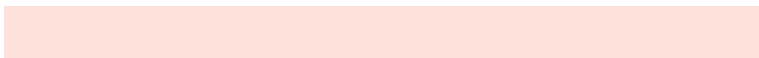
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



206, 254, 214



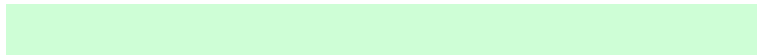
210, 245, 255



255, 225, 219

Complementary

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



206, 254, 214



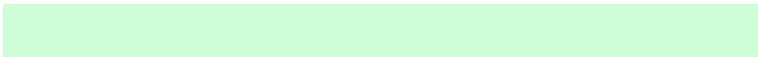
254, 206, 246

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, 224, 245



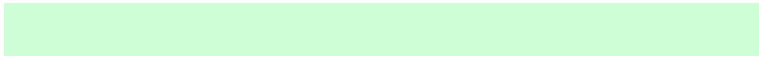
206, 254, 214



245, 236, 255

Square

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



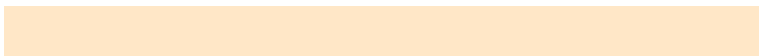
206, 254, 214



181, 252, 255



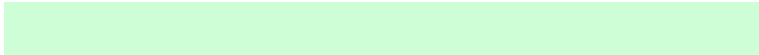
255, 228, 255



255, 231, 199

Rectangle

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



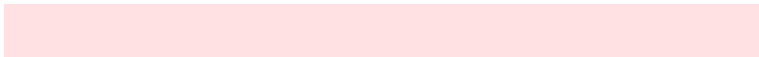
206, 254, 214



172, 255, 255



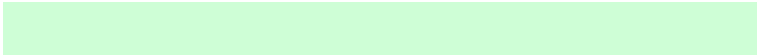
255, 228, 255



255, 224, 227

Sweetspot

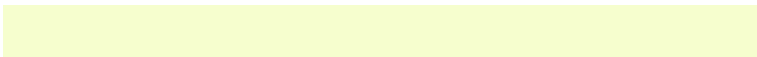
The Sweet Spot groups the original color and five complimentary colors.



206, 254, 214



240, 255, 242



246, 254, 206



119, 128, 120



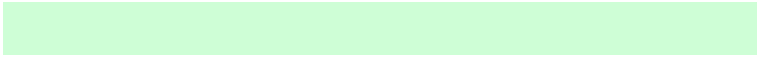
0, 0, 0



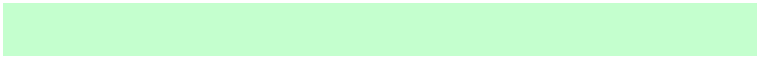
128, 128, 128

Same Dimension

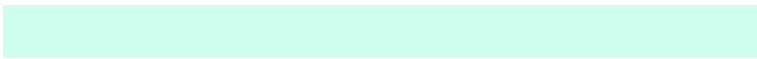
The Same Dimension uses a secret algorithm to generate beautiful new colors.



206, 254, 214



196, 255, 206



206, 254, 238



115, 128, 117



0, 191, 32



0, 64, 11

Inverse Universe

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



254, 206, 246



255, 196, 245



254, 206, 222



128, 115, 125



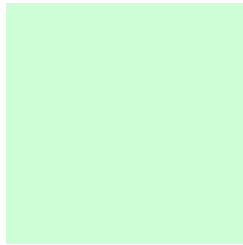
191, 0, 159



64, 0, 53

Previews

White Background



This preview shows how the RGB color 206, 254, 214 looks on a white background.

Color Contrast Check

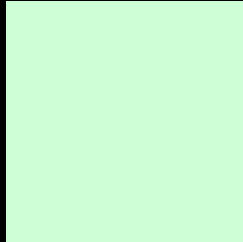
Large Text (above 18pt) WCAG AA × Fail

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 206, 254, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

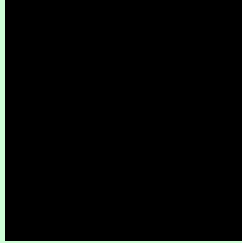
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

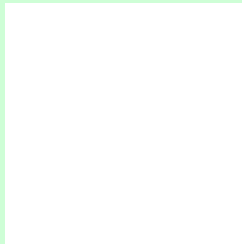
Any Text WCAG AAA ✓ Pass

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

RGB 206, 254, 214 Background



This preview shows how black text looks on a background with the RGB color 206, 254, 214.

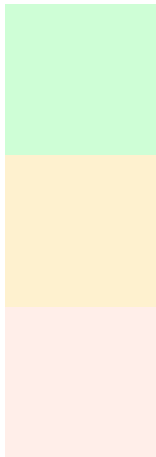


This preview shows how white text looks on a background with the RGB color 206, 254, 214.

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



Original Color
206, 254, 214

Protanopia
254, 241, 207

Deuteranopia
255, 238, 233



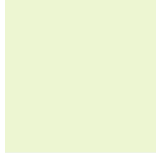
Tritanopia
228, 244, 255

Trichromacy



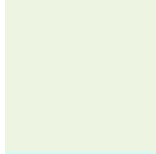
Original Color

206, 254, 214



Protanomaly

237, 246, 210



Deuteranomaly

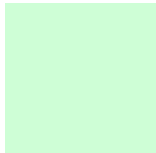
237, 244, 226



Tritanomaly

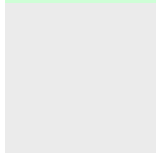
220, 248, 240

Monochromacy



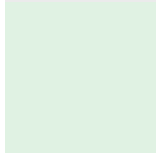
Original Color

206, 254, 214



Achromatopsia

235, 235, 235



Achromatomaly

224, 242, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 206, 254, 214 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(206, 254, 214)` looks like.

```
.text, #text, p{  
    color:rgb(206, 254, 214)  
}
```

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(206, 254, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 254, 214) }
```

Border

The CSS property to change the border of an element to RGB 206, 254, 214 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(206, 254, 214) }
```

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

```
.border{ border-color:rgb(206, 254, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 254, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 254, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 254, 214);  
box-shadow:4px 4px 4px 4px rgb(206, 254,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 206, 254, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 254, 214) }
```

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

```
.background{ background-color: rgb(206,  
254, 214) }
```

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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