

Converting Colors

RGB(217, 255, 214)

Have a look what the booklet for
RGB(217, 255, 214) contains.

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Color

RGB(217, 255, 214)

Conversions

Conversions Part 1

Format	Color
Hex	D9FFD6
RGB	217, 255, 214
RGB Percent	85%, 100%, 84%
CMY	0.1490, 0.0000, 0.1608
CMYK	0.15, 0.00, 0.16, 0.00
HSL	116°, 100%, 92%
HSV	116°, 16%, 100%
XYZ	76.5129, 91.1268, 77.1749
YIQ	238.9640, -9.4870, -20.8070

Conversions

Conversions Part 2

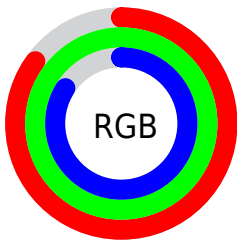
Format	Color
RYB	214, 255, 252
Decimal	14286806
CIELab	96.46, -19.63, 15.58
CIELCh	96, 25.059, 141.558
Yxy	91.1268, 0.3125, 0.3722
Android (android.graphics.Color)	4292476886 (0xFFD9FFD6)
YUV	238.9640, -12.3073, -19.2624
Hunter-Lab	95.4603, -23.9852, 18.8892

Details

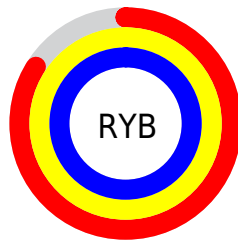
The RGB color **217, 255, 214** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **252, 214, 255**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is **255, 255, 255**, and **162, 198, 159** is the 20% darker color. If you saturate the color by 10%, you get **193, 255, 189**, and if you desaturate by 10%, it is **241, 255, 240**.

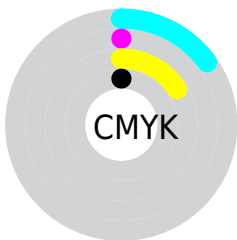
Distribution



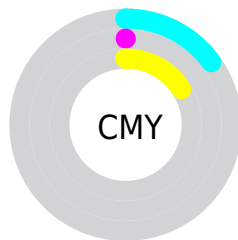
- Red (85%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (99%)



- Cyan (15%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 255, 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 217, 255, 214 by changing the saturation by 10% instead.

217, 255, 214

255, 255, 255

217, 255, 214

189, 226, 186

162, 198, 159

135, 171, 133

110, 144, 108

85, 118, 83

61, 94, 60

38, 70, 38

15, 47, 17

0, 28, 0

■ 217, 255, 214

■ 217, 255, 214

■ 193, 255, 189

■ 241, 255, 240

■ 170, 255, 163

255, 255, 255

■ 146, 255, 138

■ 122, 255, 112

■ 99, 255, 87

■ 75, 255, 61

■ 52, 255, 35

■ 28, 255, 10

■ 19, 255, 0

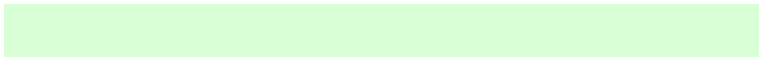
Harmonies

Analogous

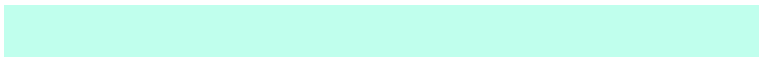
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245, 249, 199



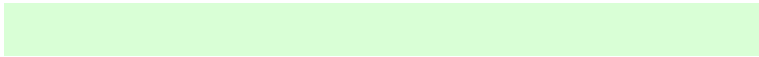
217, 255, 214



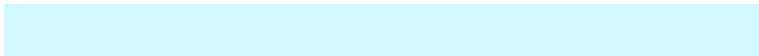
192, 255, 237

Triad

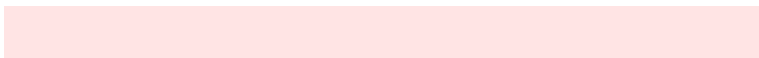
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217, 255, 214



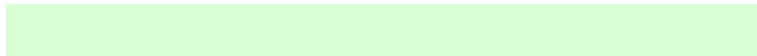
208, 249, 255



255, 228, 228

Complementary

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



217, 255, 214



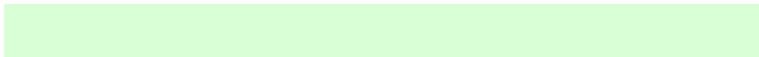
252, 214, 255

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, 253



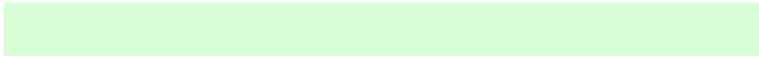
217, 255, 214



240, 241, 255

Square

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



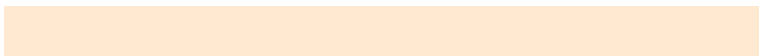
217, 255, 214



185, 255, 255



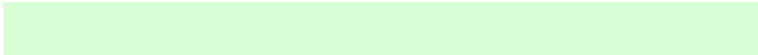
255, 233, 255



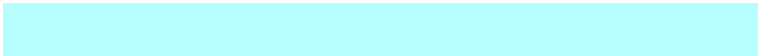
255, 233, 208

Rectangle

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



217, 255, 214



182, 255, 254



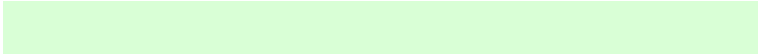
255, 233, 255



255, 228, 236

Sweetspot

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



217, 255, 214



243, 255, 242



255, 252, 214



120, 128, 120



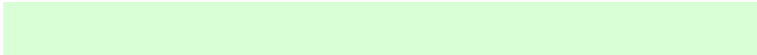
0, 0, 0



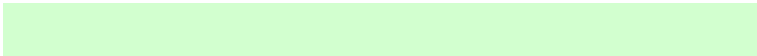
128, 128, 128

Same Dimension

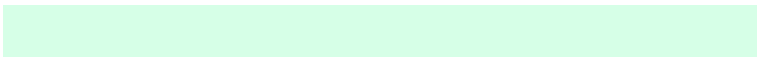
The Same Dimension uses a secret algorithm to generate beautiful new colors.



217, 255, 214



210, 255, 207



214, 255, 231



116, 128, 115



14, 191, 0



5, 64, 0

Inverse Universe

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



252, 214, 255



251, 207, 255



255, 214, 238



127, 115, 128



177, 0, 191



59, 0, 64

Previews

White Background



This preview shows how the RGB color 217, 255, 214 looks on a white background.

Color Contrast Check

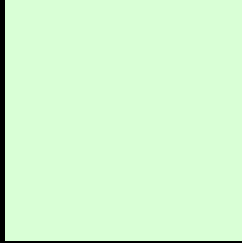
Large Text (above 18pt) WCAG AA × Fail

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 217, 255, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

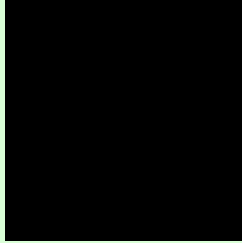
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

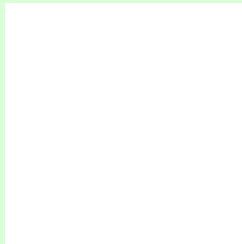
Any Text WCAG AAA ✓ Pass

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

RGB 217, 255, 214 Background



This preview shows how black text looks on a background with the RGB color 217, 255, 214.

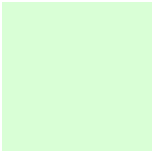
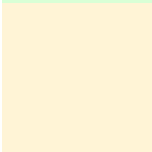


This preview shows how white text looks on a background with the RGB color 217, 255, 214.

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 217, 255, 214
	Protanopia 255, 244, 214
	Deuteranopia 255, 242, 237



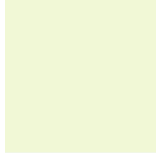
Tritanopia
236, 246, 255

Trichromacy



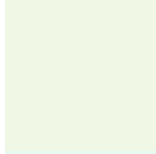
Original Color

217, 255, 214



Protanomaly

241, 248, 214



Deuteranomaly

241, 247, 229



Tritanomaly

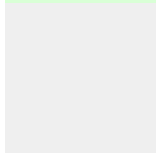
229, 249, 240

Monochromacy



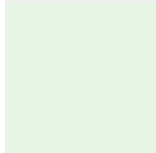
Original Color

217, 255, 214



Achromatopsia

239, 239, 239



Achromatomaly

231, 245, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 255, 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(217, 255, 214)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 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(217, 255, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 214) }
```

Border

The CSS property to change the border of an element to RGB 217, 255, 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(217, 255, 214) }
```

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

```
.border{ border-color:rgb(217, 255, 214) }
```

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

Here you see how a box with a 4 pixel rgb(217, 255, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(217, 255,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 217, 255, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 214) }
```

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

```
.background{ background-color: rgb(217,  
255, 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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