

Converting Colors

RGB(213, 252, 171)

Have a look what the booklet for
RGB(213, 252, 171) contains.

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Color

RGB(213, 252, 171)

Conversions

Conversions Part 1

Format	Color
Hex	D5FCAB
RGB	213, 252, 171
RGB Percent	84%, 99%, 67%
CMY	0.1647, 0.0118, 0.3294
CMYK	0.15, 0.00, 0.32, 0.01
HSL	89°, 93%, 83%
HSV	89°, 32%, 99%
XYZ	69.6017, 86.7072, 51.5958
YIQ	231.1050, 2.7570, -33.4590

Conversions

Conversions Part 2

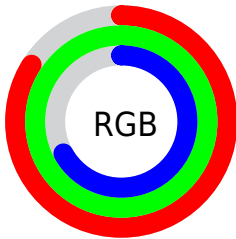
Format	Color
RYB	171, 252, 210
Decimal	14023851
CIELab	94.61, -26.11, 34.79
CIELCh	95, 43.496, 126.888
Yxy	86.7072, 0.3348, 0.4171
Android (android.graphics.Color)	4292213931 (0xFFD5FCAB)
YUV	231.1050, -29.6318, -15.8781
Hunter-Lab	93.1167, -29.5314, 32.3292

Details

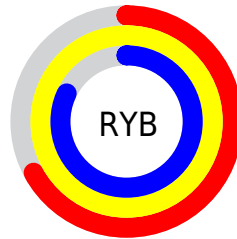
The RGB color **213, 252, 171** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **210, 171, 252**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 227**, and **157, 195, 118** is the 20% darker color. If you saturate the color by 10%, you get **201, 252, 146**, and if you desaturate by 10%, it is **225, 252, 196**.

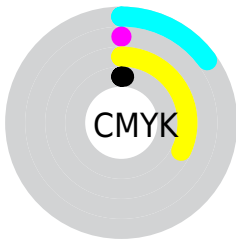
Distribution



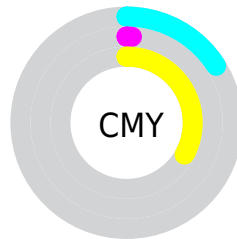
- Red (84%)
- Green (99%)
- Blue (67%)



- Red (67%)
- Yellow (99%)
- Blue (82%)



- Cyan (15%)
- Magenta (0%)
- Yellow (32%)
- Black (1%)



- Cyan (16%)
- Magenta (1%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 252, 171 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, 252, 171 by changing the saturation by 10% instead.

 213, 252, 171


255, 255, 255


 255, 255, 227


 213, 252, 171

 185, 223, 144

 157, 195, 118

 131, 168, 93

 104, 141, 68

 79, 116, 44

 54, 91, 20

 30, 67, 0

 3, 45, 0

 0, 25, 0

■ 213, 252, 171

■ 213, 252, 171

■ 201, 252, 146

■ 225, 252, 196

■ 189, 252, 121

■ 237, 252, 221

■ 177, 252, 95

■ 249, 252, 247

■ 164, 252, 70

■ 255, 252, 255

■ 152, 252, 45

■ 140, 252, 20

■ 131, 252, 0

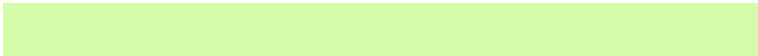
Harmonies

Analogous

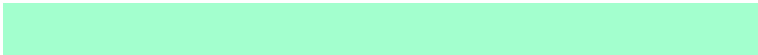
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 240, 155



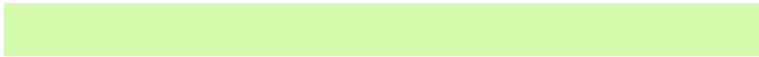
213, 252, 171



163, 255, 205

Triad

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



213, 252, 171



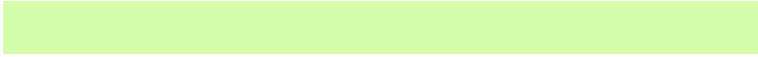
131, 253, 255



255, 207, 231

Complementary

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



213, 252, 171



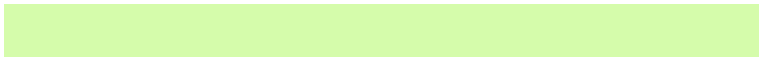
210, 171, 252

Split Complementary

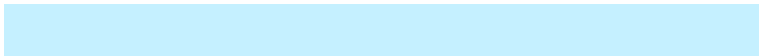
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 212, 255



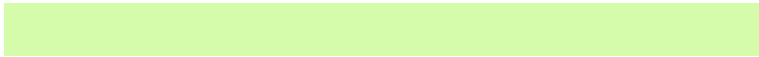
213, 252, 171



197, 240, 255

Square

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



213, 252, 171



90, 255, 255



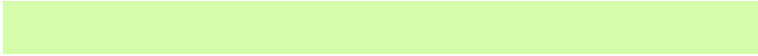
255, 225, 255



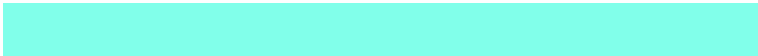
255, 213, 191

Rectangle

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



213, 252, 171



129, 255, 234



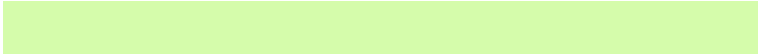
255, 225, 255



255, 208, 246

Sweetspot

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



213, 252, 171



243, 255, 230



252, 209, 171



120, 128, 112



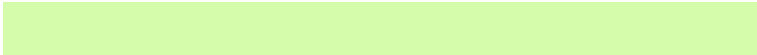
0, 0, 0



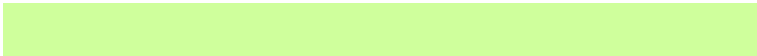
128, 128, 128

Same Dimension

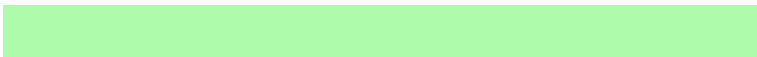
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213, 252, 171



207, 255, 156



174, 252, 171



119, 125, 112



98, 189, 0



32, 61, 0

Inverse Universe

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



210, 171, 252



203, 156, 255



249, 171, 252



118, 112, 125



91, 0, 189



29, 0, 61

Previews

White Background



This preview shows how the RGB color 213, 252, 171 looks on a white background.

Color Contrast Check

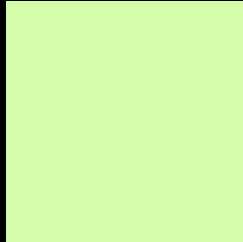
Large Text (above 18pt) WCAG AA × Fail

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, 252, 171 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, 252, 171 Background



This preview shows how black text looks on a background with the RGB color 213, 252, 171.

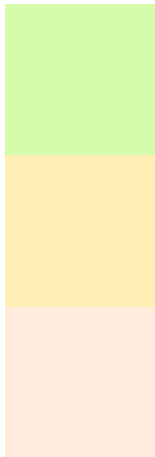


This preview shows how white text looks on a background with the RGB color 213, 252, 171.

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
213, 252, 171

Protanopia
255, 239, 181

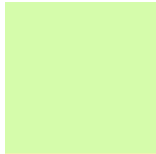
Deuteranopia
255, 236, 220



Tritanopia

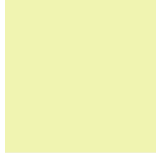
229, 240, 255

Trichromacy



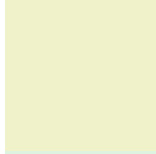
Original Color

213, 252, 171



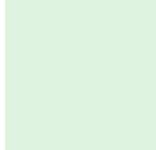
Protanomaly

240, 244, 177



Deuteranomaly

240, 242, 202



Tritanomaly

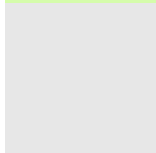
223, 244, 224

Monochromacy



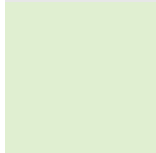
Original Color

213, 252, 171



Achromatopsia

231, 231, 231



Achromatomaly

224, 239, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 252, 171 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, 252, 171)` looks like.

```
.text, #text, p{  
    color:rgb(213, 252, 171)  
}
```

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, 252, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 252, 171) }
```

Border

The CSS property to change the border of an element to RGB 213, 252, 171 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, 252, 171) }
```

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

```
.border{ border-color:rgb(213, 252, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 252, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 252, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 252, 171);  
box-shadow:4px 4px 4px 4px rgb(213, 252,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 213, 252, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 252, 171) }
```

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

```
.background{ background-color: rgb(213,  
252, 171) }
```

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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