

Converting Colors

RGB(201, 245, 174)

Have a look what the booklet for
RGB(201, 245, 174) contains.

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Color

RGB(201, 245, 174)

Conversions

Conversions Part 1

Format	Color
Hex	C9F5AE
RGB	201, 245, 174
RGB Percent	79%, 96%, 68%
CMY	0.2118, 0.0392, 0.3176
CMYK	0.18, 0.00, 0.29, 0.04
HSL	97°, 78%, 82%
HSV	97°, 29%, 96%
XYZ	64.3798, 80.7783, 52.2430
YIQ	223.7500, -3.4330, -31.4090

Conversions

Conversions Part 2

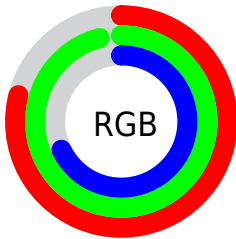
Format	Color
RYB	174, 245, 218
Decimal	13235630
CIELab	92.03, -26.55, 29.69
CIELCh	92, 39.829, 131.803
Yxy	80.7783, 0.3261, 0.4092
Android (android.graphics.Color)	4291425710 (0xFFC9F5AE)
YUV	223.7500, -24.5267, -19.9518
Hunter-Lab	89.8768, -29.4227, 28.4500

Details

The RGB color **201, 245, 174** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **218, 174, 245**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 230**, and **146, 189, 121** is the 20% darker color. If you saturate the color by 10%, you get **186, 245, 150**, and if you desaturate by 10%, it is **216, 245, 199**.

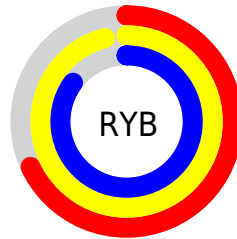
Distribution



Red (79%)

Green (96%)

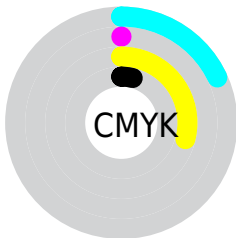
Blue (68%)



Red (68%)

Yellow (96%)

Blue (85%)

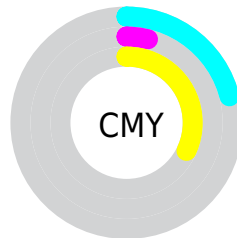


Cyan (18%)

Magenta (0%)

Yellow (29%)

Black (4%)



Cyan (21%)

Magenta (4%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 245, 174 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 201, 245, 174 by changing the saturation by 10% instead.


 201, 245, 174


255, 255, 255

 255, 255, 230

 201, 245, 174

 173, 216, 147

 146, 189, 121

 120, 161, 96

 94, 135, 71

 69, 110, 48

 44, 85, 25

 20, 61, 0

 0, 39, 0


 0, 14, 0

 201, 245, 174

 201, 245, 174

 186, 245, 150


 216, 245, 199

 171, 245, 125


 231, 245, 223


 155, 245, 101


 247, 245, 248


 140, 245, 76

 255, 245, 255

 125, 245, 51

 110, 245, 27

 95, 245, 2

 93, 245, 0

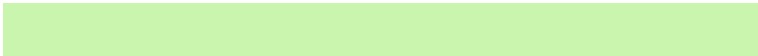
Harmonies

Analogous

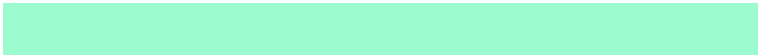
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244, 235, 157



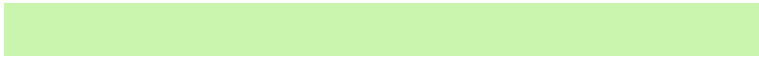
201, 245, 174



156, 251, 207

Triad

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



201, 245, 174



146, 243, 255



255, 203, 218

Complementary

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



201, 245, 174



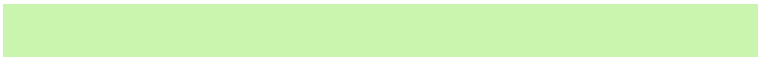
218, 174, 245

Split Complementary

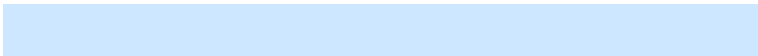
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 206, 255



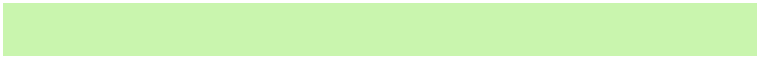
201, 245, 174



204, 231, 255

Square

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



201, 245, 174



107, 250, 255



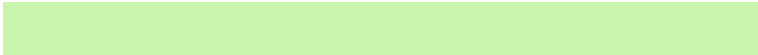
255, 217, 255



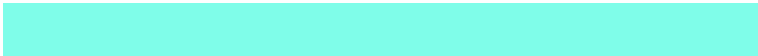
255, 210, 183

Rectangle

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



201, 245, 174



127, 253, 233



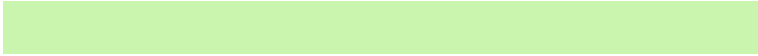
255, 217, 255



255, 203, 231

Sweetspot

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



201, 245, 174



241, 255, 232



245, 218, 174



119, 128, 113



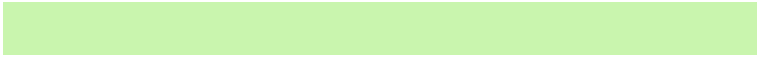
0, 0, 0



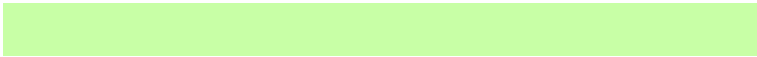
128, 128, 128

Same Dimension

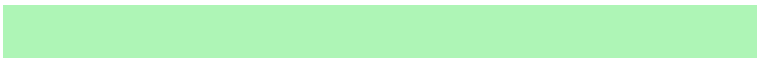
The Same Dimension uses a secret algorithm to generate beautiful new colors.



201, 245, 174



200, 255, 166



174, 245, 182



115, 122, 110



71, 186, 0



22, 59, 0

Inverse Universe

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



218, 174, 245



221, 166, 255



245, 174, 237



118, 110, 122



115, 0, 186



36, 0, 59

Previews

White Background



This preview shows how the RGB color 201, 245, 174 looks on a white background.

Color Contrast Check

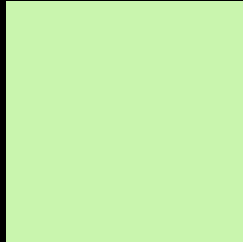
Large Text (above 18pt) WCAG AA × Fail

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 201, 245, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

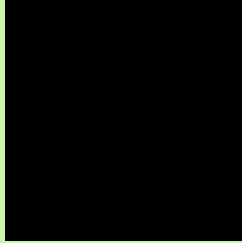
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

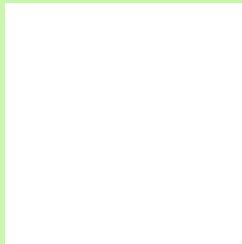
Any Text WCAG AAA ✓ Pass

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

RGB 201, 245, 174 Background



This preview shows how black text looks on a background with the RGB color 201, 245, 174.

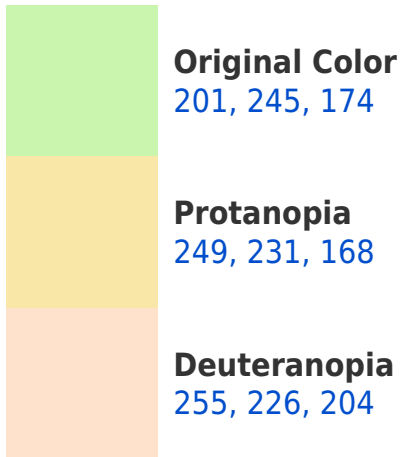


This preview shows how white text looks on a background with the RGB color 201, 245, 174.

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

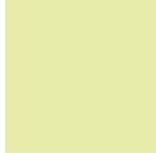
213, 235, 253

Trichromacy



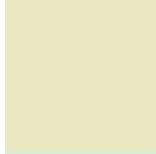
Original Color

201, 245, 174



Protanomaly

232, 236, 170



Deuteranomaly

235, 233, 193



Tritanomaly

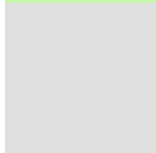
209, 239, 224

Monochromacy



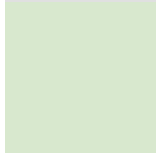
Original Color

201, 245, 174



Achromatopsia

224, 224, 224



Achromatomaly

216, 232, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 245, 174 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(201, 245, 174)` looks like.

```
.text, #text, p{  
    color:rgb(201, 245, 174)  
}
```

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(201, 245, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 245, 174) }
```

Border

The CSS property to change the border of an element to RGB 201, 245, 174 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(201, 245, 174) }
```

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

```
.border{ border-color:rgb(201, 245, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 245, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 245, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 245, 174); box-shadow:4px 4px 4px 4px rgb(201, 245, 174) }
```

Background

The CSS property to change the background color of an element to RGB 201, 245, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 245, 174) }
```

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

```
.background{ background-color: rgb(201,  
245, 174) }
```

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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