

Converting Colors

RGB(205, 242, 174)

Have a look what the booklet for
RGB(205, 242, 174) contains.

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Color

RGB(205, 242, 174)

Conversions

Conversions Part 1

Format	Color
Hex	CDF2AE
RGB	205, 242, 174
RGB Percent	80%, 95%, 68%
CMY	0.1961, 0.0510, 0.3176
CMYK	0.15, 0.00, 0.28, 0.05
HSL	93°, 72%, 82%
HSV	93°, 28%, 95%
XYZ	64.5689, 79.5394, 51.9939
YIQ	223.1850, -0.2240, -28.9920

Conversions

Conversions Part 2

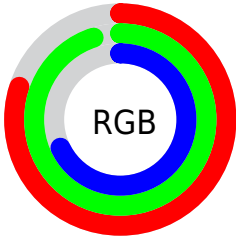
Format	Color
RYB	174, 242, 211
Decimal	13497006
CIELab	91.48, -23.73, 28.98
CIELCh	91, 37.455, 129.306
Yxy	79.5394, 0.3293, 0.4056
Android (android.graphics.Color)	4291687086 (0xFFCDF2AE)
YUV	223.1850, -24.2482, -15.9482
Hunter-Lab	89.1849, -26.8413, 27.8639

Details

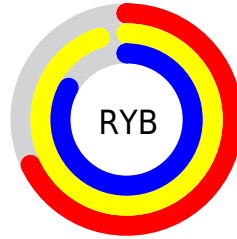
The RGB color **205, 242, 174** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **211, 174, 242**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 230**, and **150, 186, 121** is the 20% darker color. If you saturate the color by 10%, you get **192, 242, 150**, and if you desaturate by 10%, it is **218, 242, 198**.

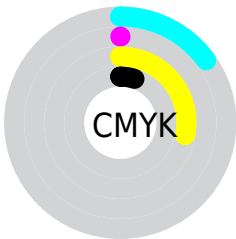
Distribution



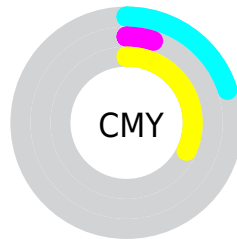
- Red (80%)
- Green (95%)
- Blue (68%)



- Red (68%)
- Yellow (95%)
- Blue (83%)



- Cyan (15%)
- Magenta (0%)
- Yellow (28%)
- Black (5%)



- Cyan (20%)
- Magenta (5%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 242, 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 205, 242, 174 by changing the saturation by 10% instead.


 205, 242, 174


 205, 242, 174


255, 255, 255

 177, 214, 147

 255, 255, 230

 150, 186, 121

 124, 159, 96

 98, 132, 71

 73, 107, 48

 49, 83, 25

 25, 59, 1

 0, 37, 0

 0, 10, 0

■ 205, 242, 174

■ 205, 242, 174

■ 192, 242, 150

■ 218, 242, 198

■ 179, 242, 126

■ 231, 242, 222

■ 165, 242, 101

■ 245, 242, 247

■ 152, 242, 77

■ 255, 242, 255

■ 139, 242, 53

■ 126, 242, 29

■ 113, 242, 5

■ 110, 242, 0

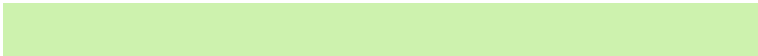
Harmonies

Analogous

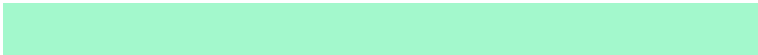
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245, 232, 159



205, 242, 174



163, 248, 204

Triad

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



205, 242, 174



148, 241, 255



255, 204, 220

Complementary

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



205, 242, 174



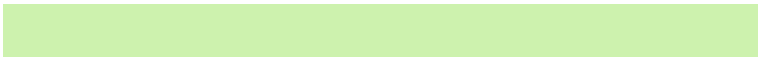
211, 174, 242

Split Complementary

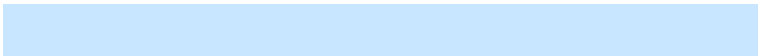
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 207, 255



205, 242, 174



200, 230, 255

Square

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



205, 242, 174



116, 248, 255



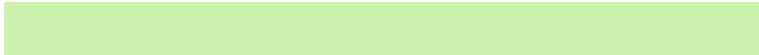
250, 217, 255



255, 209, 187

Rectangle

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



205, 242, 174



137, 250, 228



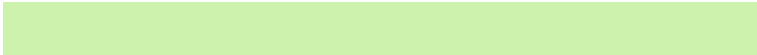
250, 217, 255



255, 204, 233

Sweetspot

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



205, 242, 174



244, 255, 235



242, 210, 174



121, 128, 115



0, 0, 0



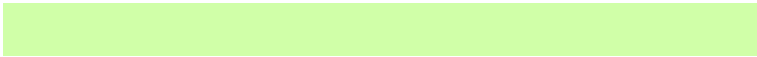
128, 128, 128

Same Dimension

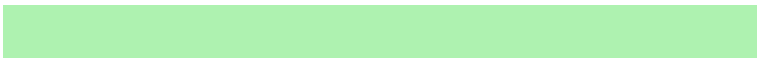
The Same Dimension uses a secret algorithm to generate beautiful new colors.



205, 242, 174



208, 255, 168



174, 242, 176



113, 120, 108



84, 184, 0



26, 56, 0

Inverse Universe

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



211, 174, 242



215, 168, 255



242, 174, 240



114, 108, 120



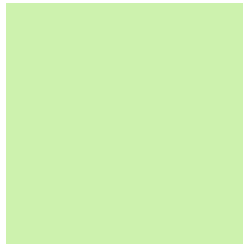
100, 0, 184



31, 0, 56

Previews

White Background



This preview shows how the RGB color 205, 242, 174 looks on a white background.

Color Contrast Check

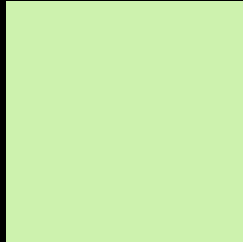
Large Text (above 18pt) WCAG AA × Fail

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 205, 242, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

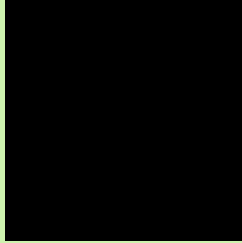
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

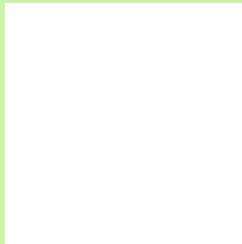
Any Text WCAG AAA ✓ Pass

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

RGB 205, 242, 174 Background



This preview shows how black text looks on a background with the RGB color 205, 242, 174.



This preview shows how white text looks on a background with the RGB color 205, 242, 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





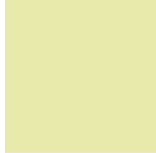
Tritanopia
216, 232, 251

Trichromacy



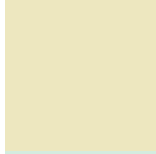
Original Color

205, 242, 174



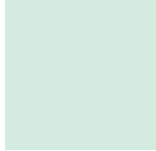
Protanomaly

232, 234, 171



Deuteranomaly

237, 231, 191



Tritanomaly

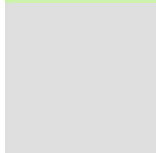
212, 236, 223

Monochromacy



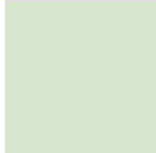
Original Color

205, 242, 174



Achromatopsia

223, 223, 223



Achromatomaly

216, 230, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 242, 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(205, 242, 174)` looks like.

```
.text, #text, p{  
    color:rgb(205, 242, 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(205, 242, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 242, 174) }
```

Border

The CSS property to change the border of an element to RGB 205, 242, 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(205, 242, 174) }
```

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

```
.border{ border-color:rgb(205, 242, 174) }
```

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

Here you see how a box with a 4 pixel rgb(205, 242, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 242, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 242, 174);  
box-shadow:4px 4px 4px 4px rgb(205, 242,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 205, 242, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 242, 174) }
```

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

```
.background{ background-color: rgb(205,  
242, 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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