

Converting Colors

RGB(205, 234, 187)

Have a look what the booklet for
RGB(205, 234, 187) contains.

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Color

RGB(205, 234, 187)

Conversions

Conversions Part 1

Format	Color
Hex	CDEABB
RGB	205, 234, 187
RGB Percent	80%, 92%, 73%
CMY	0.1961, 0.0824, 0.2667
CMYK	0.12, 0.00, 0.20, 0.08
HSL	97°, 53%, 83%
HSV	97°, 20%, 92%
XYZ	63.5693, 75.4126, 58.2193
YIQ	219.9710, -2.1970, -20.7650

Conversions

Conversions Part 2

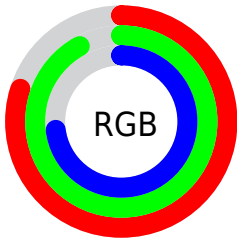
Format	Color
RYB	187, 234, 216
Decimal	13494971
CIELab	89.59, -17.85, 19.71
CIELCh	90, 26.596, 132.161
Yxy	75.4126, 0.3224, 0.3824
Android (android.graphics.Color)	4291685051 (0xFFCDEABB)
YUV	219.9710, -16.2547, -13.1296
Hunter-Lab	86.8404, -21.3045, 21.0393

Details

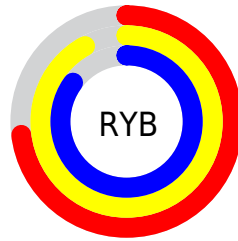
The RGB color **205, 234, 187** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **216, 187, 234**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 243**, and **150, 178, 134** is the 20% darker color. If you saturate the color by 10%, you get **191, 234, 164**, and if you desaturate by 10%, it is **219, 234, 210**.

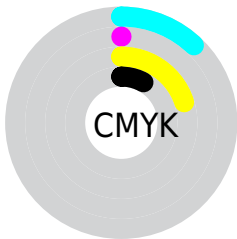
Distribution



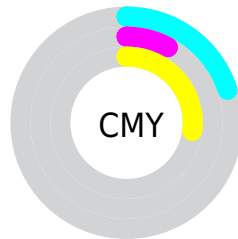
- Red (80%)
- Green (92%)
- Blue (73%)



- Red (73%)
- Yellow (92%)
- Blue (85%)



- Cyan (12%)
- Magenta (0%)
- Yellow (20%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 234, 187 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, 234, 187 by changing the saturation by 10% instead.


 205, 234, 187


255, 255, 255

 255, 255, 243

 205, 234, 187


 177, 206, 160

 150, 178, 134

 124, 151, 108

 99, 125, 84

 75, 100, 60

 51, 76, 38

 29, 53, 17

 7, 32, 0

 0, 0, 0

 205, 234, 187

 205, 234, 187

 191, 234, 164


 219, 234, 210

 176, 234, 140

 234, 234, 234

 162, 234, 117


 248, 234, 255


 147, 234, 93

 255, 234, 255

 133, 234, 70

 118, 234, 47

 104, 234, 23

 90, 234, 0

Harmonies

Analogous

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



234, 227, 175



205, 234, 187



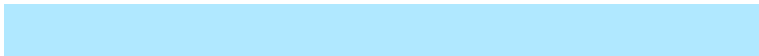
177, 239, 209

Triad

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



205, 234, 187



176, 232, 255



255, 207, 216

Complementary

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



205, 234, 187



216, 187, 234

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, 209, 241



205, 234, 187



209, 224, 255

Square

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



205, 234, 187



156, 238, 255



242, 215, 255



255, 211, 192

Rectangle

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



205, 234, 187



162, 240, 226



242, 215, 255



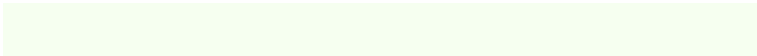
255, 207, 224

Sweetspot

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



205, 234, 187



246, 255, 240



234, 216, 187



122, 128, 119



0, 0, 0



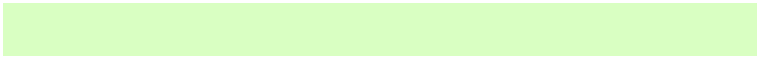
128, 128, 128

Same Dimension

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



205, 234, 187



217, 255, 194



187, 234, 192



110, 117, 106



69, 181, 0



21, 54, 0

Inverse Universe

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



216, 187, 234



232, 194, 255



234, 187, 229



113, 106, 117



112, 0, 181



33, 0, 54

Previews

White Background



This preview shows how the RGB color 205, 234, 187 looks on a white background.

Color Contrast Check

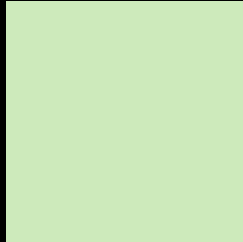
Large Text (above 18pt) WCAG AA × Fail

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, 234, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

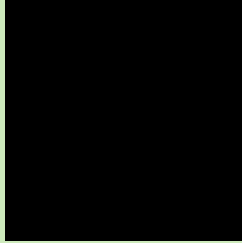
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

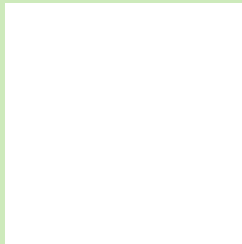
Any Text WCAG AAA ✓ Pass

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

RGB 205, 234, 187 Background



This preview shows how black text looks on a background with the RGB color 205, 234, 187.

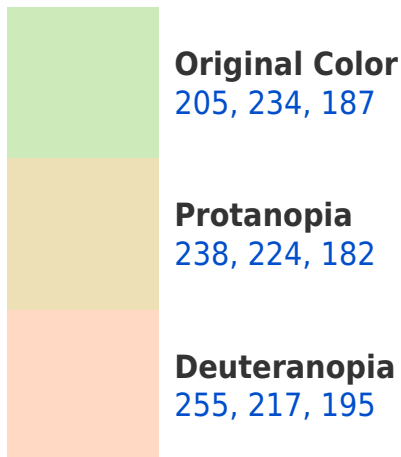


This preview shows how white text looks on a background with the RGB color 205, 234, 187.

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
214, 226, 244

Trichromacy



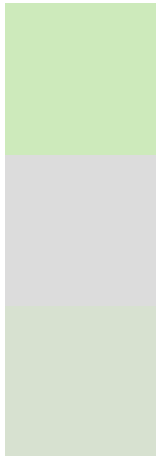
Original Color
205, 234, 187

Protanomaly
226, 228, 184

Deuteranomaly
237, 223, 192

Tritanomaly
211, 229, 223

Monochromacy



Original Color
205, 234, 187

Achromatopsia
220, 220, 220

Achromatomaly
215, 225, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 234, 187 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, 234, 187)` looks like.

```
.text, #text, p{  
    color:rgb(205, 234, 187)  
}
```

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, 234, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 234, 187) }
```

Border

The CSS property to change the border of an element to RGB 205, 234, 187 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, 234, 187) }
```

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

```
.border{ border-color:rgb(205, 234, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 234, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 234, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 234, 187);  
box-shadow:4px 4px 4px 4px rgb(205, 234,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 205, 234, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 234, 187) }
```

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

```
.background{ background-color: rgb(205,  
234, 187) }
```

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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