

Converting Colors

RGB(205, 243, 191)

Have a look what the booklet for
RGB(205, 243, 191) contains.

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Color

RGB(205, 243, 191)

Conversions

Conversions Part 1

Format	Color
Hex	CDF3BF
RGB	205, 243, 191
RGB Percent	80%, 95%, 75%
CMY	0.1961, 0.0471, 0.2510
CMYK	0.16, 0.00, 0.21, 0.05
HSL	104°, 68%, 85%
HSV	104°, 21%, 95%
XYZ	66.6314, 80.8419, 61.3824
YIQ	225.7100, -5.9560, -24.2280

Conversions

Conversions Part 2

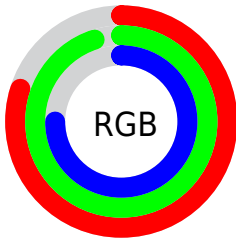
Format	Color
RYB	191, 243, 229
Decimal	13497279
CIELab	92.06, -21.61, 21.09
CIELCh	92, 30.199, 135.692
Yxy	80.8419, 0.3190, 0.3871
Android (android.graphics.Color)	4291687359 (0xFFCDF3BF)
YUV	225.7100, -17.1120, -18.1627
Hunter-Lab	89.9121, -25.0648, 22.4616

Details

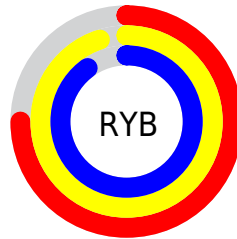
The RGB color **205, 243, 191** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **229, 191, 243**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 248**, and **150, 187, 137** is the 20% darker color. If you saturate the color by 10%, you get **187, 243, 167**, and if you desaturate by 10%, it is **223, 243, 215**.

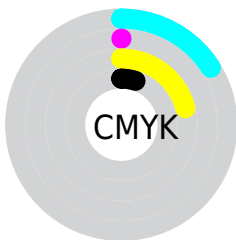
Distribution



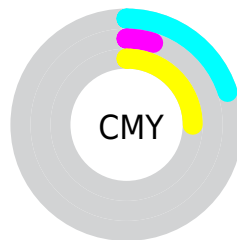
- Red (80%)
- Green (95%)
- Blue (75%)



- Red (75%)
- Yellow (95%)
- Blue (90%)



- Cyan (16%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)



- Cyan (20%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 243, 191 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, 243, 191 by changing the saturation by 10% instead.


 205, 243, 191


 205, 243, 191

255, 255, 255


 177, 215, 164

 255, 255, 248

 150, 187, 137

 124, 160, 112

 99, 133, 87

 74, 108, 63

 50, 84, 41

 27, 60, 19

 7, 38, 0

 0, 14, 0

 205, 243, 191

 205, 243, 191

 187, 243, 167

 223, 243, 215

 169, 243, 142

 241, 243, 240

 152, 243, 118


 255, 243, 255

 134, 243, 94

 116, 243, 70

 98, 243, 45

 81, 243, 21

 65, 243, 0

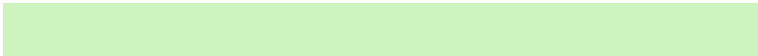
Harmonies

Analogous

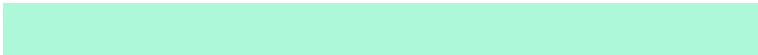
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238, 235, 176



205, 243, 191



173, 248, 217

Triad

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



205, 243, 191



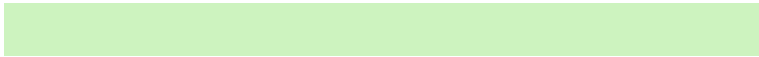
179, 239, 255



255, 212, 218

Complementary

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



205, 243, 191



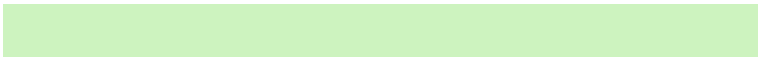
229, 191, 243

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, 213, 247



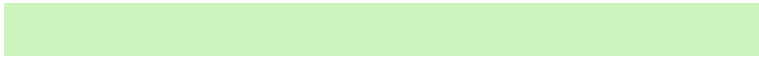
205, 243, 191



218, 230, 255

Square

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



205, 243, 191



152, 246, 255



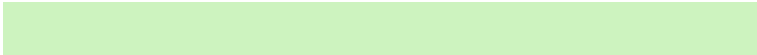
255, 220, 255



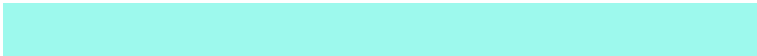
255, 217, 192

Rectangle

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



205, 243, 191



157, 249, 237



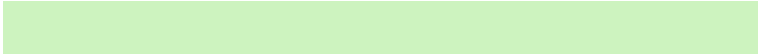
255, 220, 255



255, 211, 228

Sweetspot

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



205, 243, 191



244, 255, 240



243, 228, 191



121, 128, 119



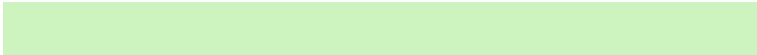
0, 0, 0



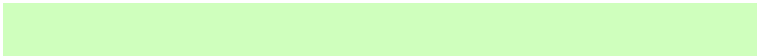
128, 128, 128

Same Dimension

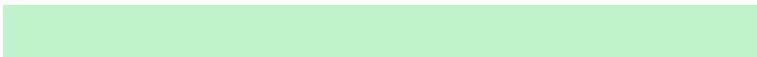
The Same Dimension uses a secret algorithm to generate beautiful new colors.



205, 243, 191



207, 255, 189



191, 243, 202



113, 122, 110



50, 186, 0



16, 59, 0

Inverse Universe

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



229, 191, 243



237, 189, 255



243, 191, 232



119, 110, 122



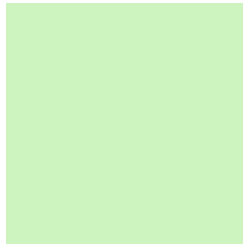
136, 0, 186



43, 0, 59

Previews

White Background



This preview shows how the RGB color 205, 243, 191 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, 243, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

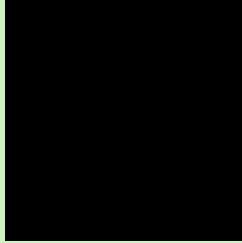
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

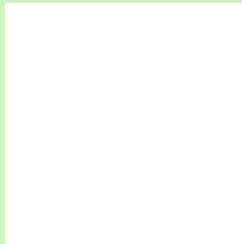
Any Text WCAG AAA ✓ Pass

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

RGB 205, 243, 191 Background



This preview shows how black text looks on a background with the RGB color 205, 243, 191.

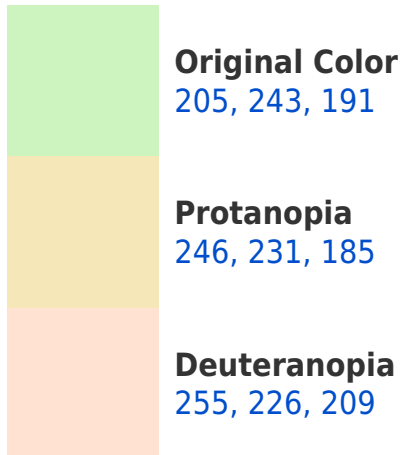


This preview shows how white text looks on a background with the RGB color 205, 243, 191.

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

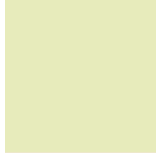
215, 235, 253

Trichromacy



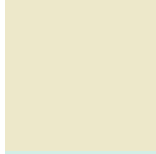
Original Color

205, 243, 191



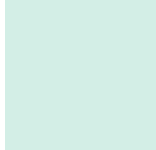
Protanomaly

231, 235, 187



Deuteranomaly

237, 232, 202



Tritanomaly

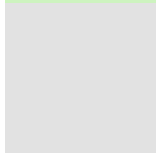
211, 238, 230

Monochromacy



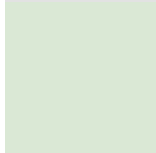
Original Color

205, 243, 191



Achromatopsia

226, 226, 226



Achromatomaly

218, 232, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 243, 191 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, 243, 191)` looks like.

```
.text, #text, p{  
    color:rgb(205, 243, 191)  
}
```

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, 243, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 243, 191) }
```

Border

The CSS property to change the border of an element to RGB 205, 243, 191 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, 243, 191) }
```

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

```
.border{ border-color:rgb(205, 243, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 243, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 243, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 243, 191);  
box-shadow:4px 4px 4px 4px rgb(205, 243,  
191) }
```

Background

The CSS property to change the background color of an element to RGB 205, 243, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 243, 191) }
```

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

```
.background{ background-color: rgb(205,  
243, 191) }
```

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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