

Converting Colors

RGB(201, 250, 189)

Have a look what the booklet for
RGB(201, 250, 189) contains.

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Color

RGB(201, 250, 189)

Conversions

Conversions Part 1

Format	Color
Hex	C9FABD
RGB	201, 250, 189
RGB Percent	79%, 98%, 74%
CMY	0.2118, 0.0196, 0.2588
CMYK	0.20, 0.00, 0.24, 0.02
HSL	108°, 86%, 86%
HSV	108°, 24%, 98%
XYZ	67.4583, 84.4628, 60.8916
YIQ	228.3950, -9.6230, -29.3590

Conversions

Conversions Part 2

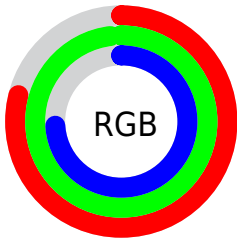
Format	Color
R _{YB}	189, 250, 238
Decimal	13236925
CIE _{Lab}	93.65, -26.63, 24.28
CIE _{LCh}	94, 36.038, 137.650
Yxy	84.4628, 0.3170, 0.3969
Android (android.graphics.Color)	4291427005 (0xFFC9FABD)
YUV	228.3950, -19.4217, -24.0254
Hunter-Lab	91.9037, -29.8104, 25.0494

Details

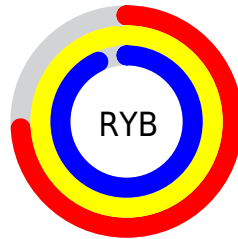
The RGB color **201, 250, 189** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **238, 189, 250**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 245**, and **146, 193, 135** is the 20% darker color. If you saturate the color by 10%, you get **181, 250, 164**, and if you desaturate by 10%, it is **221, 250, 214**.

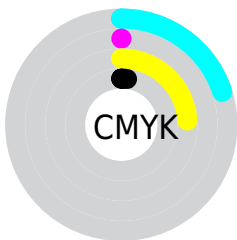
Distribution



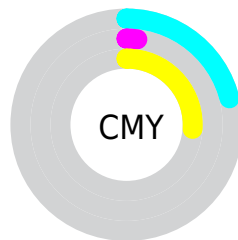
- Red (79%)
- Green (98%)
- Blue (74%)



- Red (74%)
- Yellow (98%)
- Blue (93%)



- Cyan (20%)
- Magenta (0%)
- Yellow (24%)
- Black (2%)



- Cyan (21%)
- Magenta (2%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 250, 189 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, 250, 189 by changing the saturation by 10% instead.


 201, 250, 189


255, 255, 255

 255, 255, 245

 201, 250, 189

 173, 221, 162

 146, 193, 135

 120, 166, 110

 94, 139, 85

 69, 114, 61

 45, 89, 39

 20, 65, 17


 0, 43, 0

 0, 21, 0


 201, 250, 189

 201, 250, 189

 181, 250, 164


 221, 250, 214


 161, 250, 139


 241, 250, 239

 141, 250, 114


 255, 250, 255

 121, 250, 89

 101, 250, 64

 81, 250, 39

 60, 250, 14

 49, 250, 0

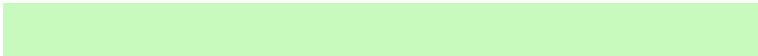
Harmonies

Analogous

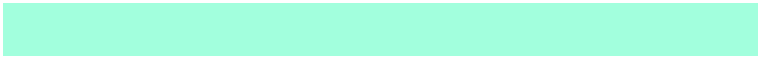
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241, 241, 170



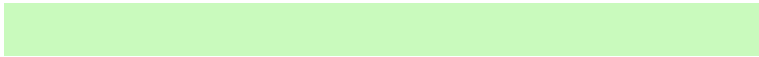
201, 250, 189



162, 255, 221

Triad

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



201, 250, 189



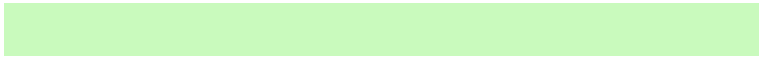
172, 244, 255



255, 212, 217

Complementary

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



201, 250, 189



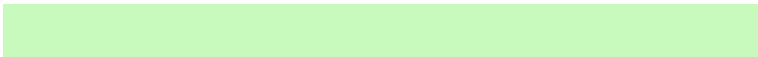
238, 189, 250

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, 253



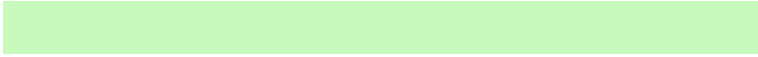
201, 250, 189



222, 233, 255

Square

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



201, 250, 189



135, 252, 255



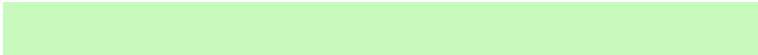
255, 221, 255



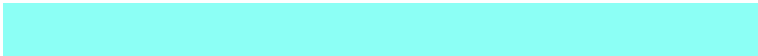
255, 218, 187

Rectangle

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



201, 250, 189



140, 255, 245



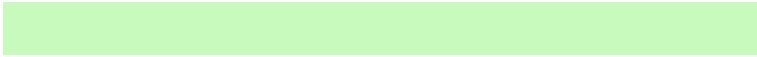
255, 221, 255



255, 211, 229

Sweetspot

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



201, 250, 189



241, 255, 237



250, 238, 189



119, 128, 117



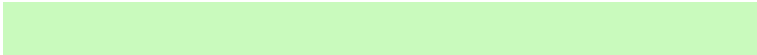
0, 0, 0



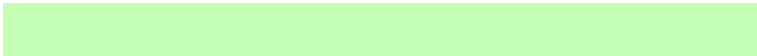
128, 128, 128

Same Dimension

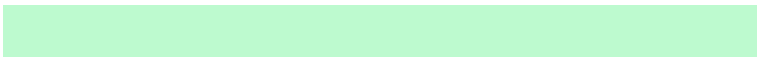
The Same Dimension uses a secret algorithm to generate beautiful new colors.



201, 250, 189



196, 255, 181



189, 250, 207



115, 125, 112



37, 189, 0



12, 61, 0

Inverse Universe

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



238, 189, 250



240, 181, 255



250, 189, 232



122, 112, 125



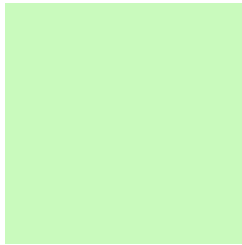
152, 0, 189



49, 0, 61

Previews

White Background



This preview shows how the RGB color 201, 250, 189 looks on a white background.

Color Contrast Check

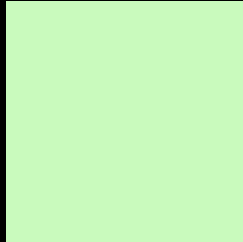
Large Text (above 18pt) WCAG AA × Fail

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, 250, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

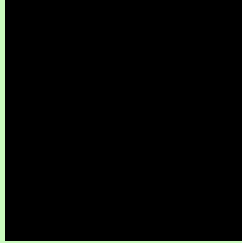
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

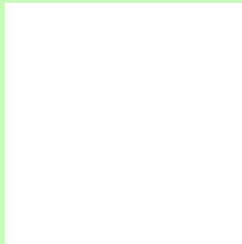
Any Text WCAG AAA ✓ Pass

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

RGB 201, 250, 189 Background



This preview shows how black text looks on a background with the RGB color 201, 250, 189.

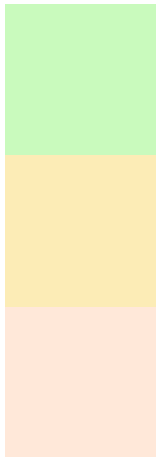


This preview shows how white text looks on a background with the RGB color 201, 250, 189.

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
201, 250, 189

Protanopia
252, 236, 182

Deuteranopia
255, 232, 217



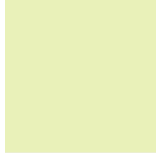
Tritanopia
218, 240, 255

Trichromacy



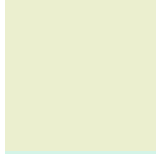
Original Color

201, 250, 189



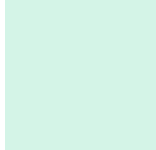
Protanomaly

233, 241, 185



Deuteranomaly

235, 239, 207



Tritanomaly

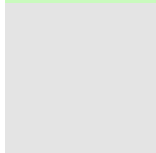
212, 244, 231

Monochromacy



Original Color

201, 250, 189



Achromatopsia

228, 228, 228



Achromatomaly

218, 236, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 250, 189 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, 250, 189)` looks like.

```
.text, #text, p{  
    color:rgb(201, 250, 189)  
}
```

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, 250, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 250, 189) }
```

Border

The CSS property to change the border of an element to RGB 201, 250, 189 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, 250, 189) }
```

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

```
.border{ border-color:rgb(201, 250, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 250, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 250, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 250, 189);  
box-shadow:4px 4px 4px 4px rgb(201, 250,  
189) }
```

Background

The CSS property to change the background color of an element to RGB 201, 250, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 250, 189) }
```

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

```
.background{ background-color: rgb(201,  
250, 189) }
```

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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