

Converting Colors

RGB(201, 240, 187)

Have a look what the booklet for
RGB(201, 240, 187) contains.

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Color

RGB(201, 240, 187)

Conversions

Conversions Part 1

Format	Color
Hex	C9F0BB
RGB	201, 240, 187
RGB Percent	79%, 94%, 73%
CMY	0.2118, 0.0588, 0.2667
CMYK	0.16, 0.00, 0.22, 0.06
HSL	104°, 64%, 84%
HSV	104°, 22%, 94%
XYZ	64.2171, 78.3255, 58.7474
YIQ	222.2970, -6.2310, -24.7510

Conversions

Conversions Part 2

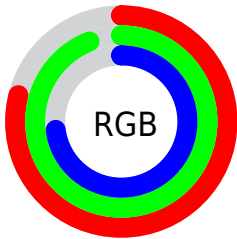
Format	Color
RYB	187, 240, 226
Decimal	13234363
CIELab	90.93, -22.16, 21.54
CIElCh	91, 30.902, 135.810
Yxy	78.3255, 0.3190, 0.3891
Android (android.graphics.Color)	4291424443 (0xFFC9F0BB)
YUV	222.2970, -17.4014, -18.6775
Hunter-Lab	88.5017, -25.3578, 22.5945

Details

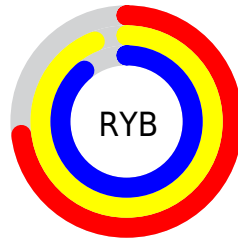
The RGB color **201, 240, 187** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **226, 187, 240**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 243**, and **146, 184, 134** is the 20% darker color. If you saturate the color by 10%, you get **183, 240, 163**, and if you desaturate by 10%, it is **219, 240, 211**.

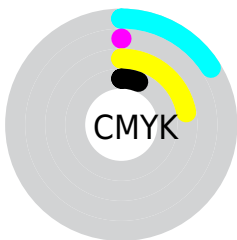
Distribution



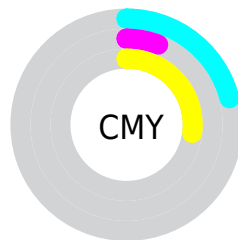
- Red (79%)
- Green (94%)
- Blue (73%)



- Red (73%)
- Yellow (94%)
- Blue (89%)



- Cyan (16%)
- Magenta (0%)
- Yellow (22%)
- Black (6%)



- Cyan (21%)
- Magenta (6%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 240, 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 201, 240, 187 by changing the saturation by 10% instead.


 201, 240, 187


255, 255, 255

 255, 255, 243

 201, 240, 187

 173, 212, 160

 146, 184, 134

 120, 157, 108

 95, 131, 84

 70, 105, 60

 47, 81, 38

 23, 58, 16

 2, 36, 0

 0, 6, 0

 201, 240, 187

 201, 240, 187

 183, 240, 163


 219, 240, 211

 166, 240, 139


 236, 240, 235

 148, 240, 115

 254, 240, 255


 130, 240, 91

 255, 240, 255

 113, 240, 67

 95, 240, 43

 77, 240, 19

 63, 240, 0

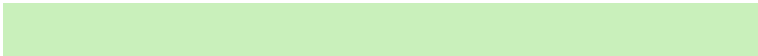
Harmonies

Analogous

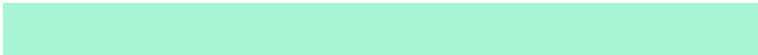
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235, 232, 172



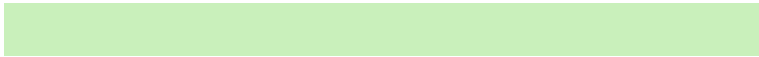
201, 240, 187



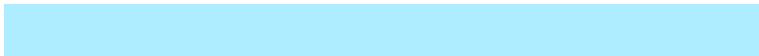
168, 245, 214

Triad

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



201, 240, 187



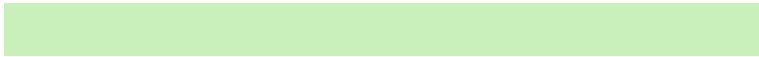
174, 236, 255



255, 208, 214

Complementary

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



201, 240, 187



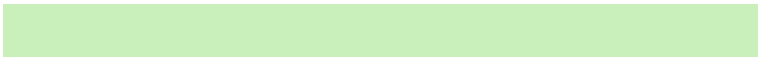
226, 187, 240

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, 244



201, 240, 187



215, 226, 255

Square

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



201, 240, 187



146, 243, 255



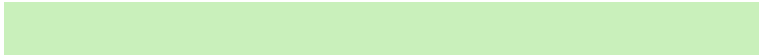
253, 216, 255



255, 213, 188

Rectangle

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



201, 240, 187



151, 246, 234



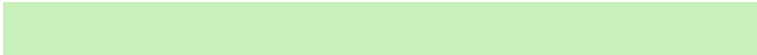
253, 216, 255



255, 208, 224

Sweetspot

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



201, 240, 187



242, 255, 237



240, 226, 187



120, 128, 117



0, 0, 0



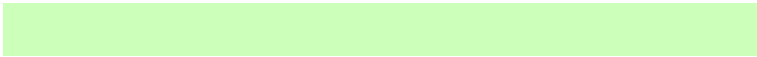
128, 128, 128

Same Dimension

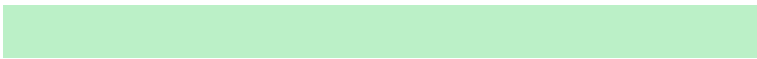
The Same Dimension uses a secret algorithm to generate beautiful new colors.



201, 240, 187



204, 255, 186



187, 240, 199



111, 120, 108



48, 184, 0



15, 56, 0

Inverse Universe

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



226, 187, 240



237, 186, 255



240, 187, 228



117, 108, 120



135, 0, 184



41, 0, 56

Previews

White Background



This preview shows how the RGB color 201, 240, 187 looks on a white background.

Color Contrast Check

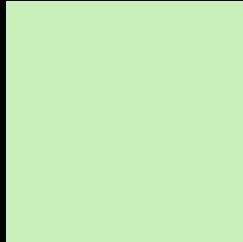
Large Text (above 18pt) WCAG AA × Fail

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 201, 240, 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

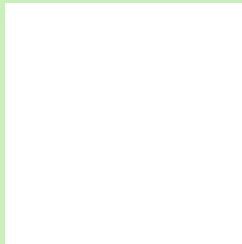
Any Text WCAG AAA ✓ Pass

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

RGB 201, 240, 187 Background



This preview shows how black text looks on a background with the RGB color 201, 240, 187.

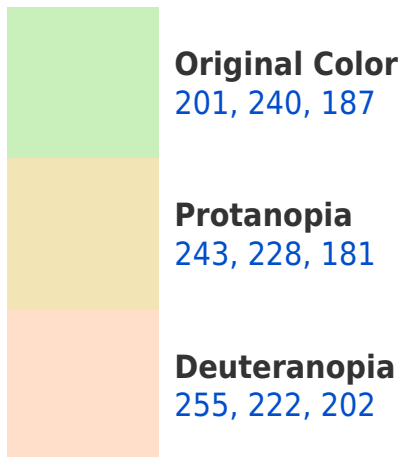


This preview shows how white text looks on a background with the RGB color 201, 240, 187.

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](#).

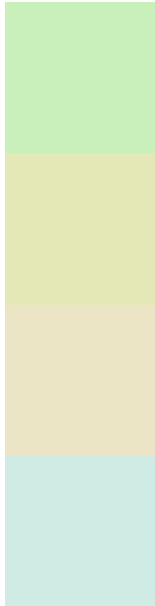
Dichromacy





Tritanopia
211, 232, 250

Trichromacy



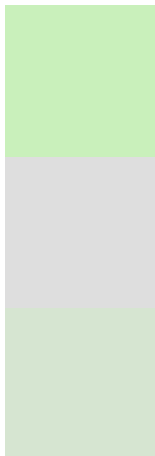
Original Color
201, 240, 187

Protanomaly
228, 232, 183

Deuteranomaly
235, 229, 197

Tritanomaly
207, 235, 227

Monochromacy



Original Color
201, 240, 187

Achromatopsia
222, 222, 222

Achromatomaly
214, 229, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 240, 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(201, 240, 187)` looks like.

```
.text, #text, p{  
    color:rgb(201, 240, 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(201, 240, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 240, 187) }
```

Border

The CSS property to change the border of an element to RGB 201, 240, 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(201, 240, 187) }
```

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

```
.border{ border-color:rgb(201, 240, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 240, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 240, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 240, 187);  
box-shadow:4px 4px 4px 4px rgb(201, 240,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 201, 240, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 240, 187) }
```

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

```
.background{ background-color: rgb(201,  
240, 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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