

Converting Colors

RGB(204, 230, 187)

Have a look what the booklet for
RGB(204, 230, 187) contains.

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Color

RGB(204, 230, 187)

Conversions

Conversions Part 1

Format	Color
Hex	CCE6BB
RGB	204, 230, 187
RGB Percent	80%, 90%, 73%
CMY	0.2000, 0.0980, 0.2667
CMYK	0.11, 0.00, 0.19, 0.10
HSL	96°, 46%, 82%
HSV	96°, 19%, 90%
XYZ	62.1683, 73.0189, 57.8311
YIQ	217.3240, -1.6930, -18.8850

Conversions

Conversions Part 2

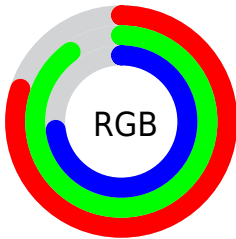
Format	Color
RYB	187, 230, 213
Decimal	13428411
CIELab	88.46, -16.22, 18.13
CIELCh	88, 24.327, 131.820
Yxy	73.0189, 0.3221, 0.3783
Android (android.graphics.Color)	4291618491 (0xFFCCE6BB)
YUV	217.3240, -14.9497, -11.6851
Hunter-Lab	85.4511, -19.6751, 19.6898

Details

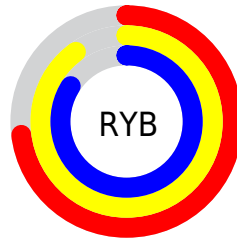
The RGB color **204, 230, 187** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **213, 187, 230**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 243**, and **150, 174, 134** is the 20% darker color. If you saturate the color by 10%, you get **190, 230, 164**, and if you desaturate by 10%, it is **218, 230, 210**.

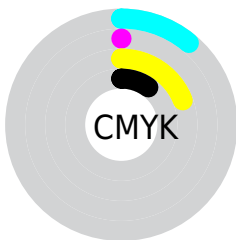
Distribution



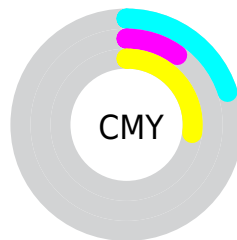
- Red (80%)
- Green (90%)
- Blue (73%)



- Red (73%)
- Yellow (90%)
- Blue (84%)



- Cyan (11%)
- Magenta (0%)
- Yellow (19%)
- Black (10%)



- Cyan (20%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 230, 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 204, 230, 187 by changing the saturation by 10% instead.

 204, 230, 187

255, 255, 255

 255, 255, 243

 204, 230, 187


 176, 202, 160

 150, 174, 134

 123, 148, 108

 98, 122, 84

 74, 97, 60

 51, 73, 38

 29, 51, 17

 5, 30, 0

 0, 0, 0

 204, 230, 187

 204, 230, 187

 190, 230, 164


 218, 230, 210

 176, 230, 141

 232, 230, 233


 162, 230, 118

 246, 230, 255


 148, 230, 95


 255, 230, 255

 134, 230, 72

 121, 230, 49

 107, 230, 26

 93, 230, 3

 91, 230, 0

Harmonies

Analogous

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



230, 223, 177



204, 230, 187



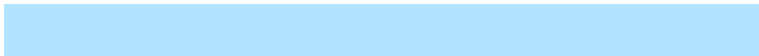
179, 234, 207

Triad

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



204, 230, 187



178, 228, 255



255, 206, 213

Complementary

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



204, 230, 187



213, 187, 230

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, 237



204, 230, 187



207, 221, 255

Square

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



204, 230, 187



160, 233, 252



237, 213, 255



255, 209, 192

Rectangle

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



204, 230, 187



166, 235, 223



237, 213, 255



255, 206, 221

Sweetspot

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



204, 230, 187



246, 255, 240



230, 213, 187



122, 128, 119



0, 0, 0



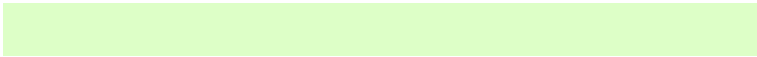
128, 128, 128

Same Dimension

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



204, 230, 187



221, 255, 199



187, 230, 191



108, 115, 103



71, 179, 0



20, 51, 0

Inverse Universe

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



213, 187, 230



233, 199, 255



230, 187, 226



110, 103, 115



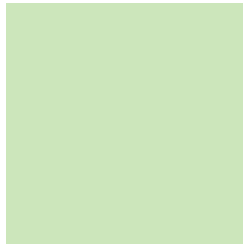
108, 0, 179



31, 0, 51

Previews

White Background



This preview shows how the RGB color 204, 230, 187 looks on a white background.

Color Contrast Check

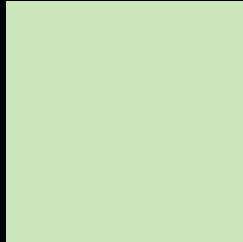
Large Text (above 18pt) WCAG AA × Fail

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 204, 230, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

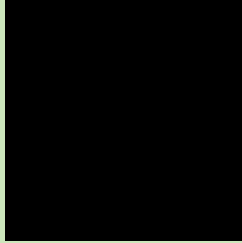
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

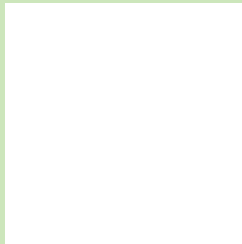
Any Text WCAG AAA ✓ Pass

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

RGB 204, 230, 187 Background



This preview shows how black text looks on a background with the RGB color 204, 230, 187.

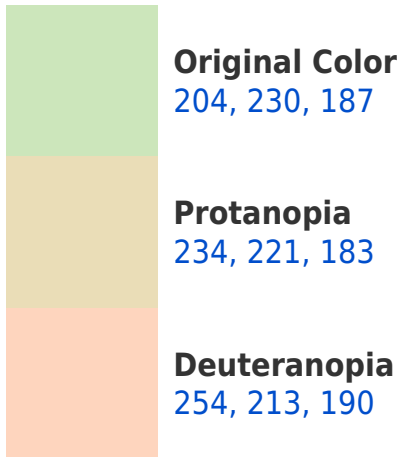


This preview shows how white text looks on a background with the RGB color 204, 230, 187.

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
212, 223, 240

Trichromacy



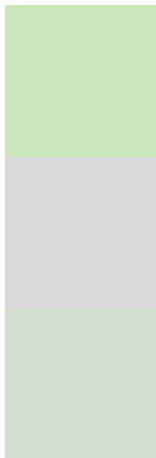
Original Color
204, 230, 187

Protanomaly
223, 224, 184

Deuteranomaly
236, 219, 189

Tritanomaly
209, 226, 221

Monochromacy



Original Color
204, 230, 187

Achromatopsia
217, 217, 217

Achromatomaly
212, 222, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 230, 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(204, 230, 187)` looks like.

```
.text, #text, p{  
    color:rgb(204, 230, 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(204, 230, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 230, 187) }
```

Border

The CSS property to change the border of an element to RGB 204, 230, 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(204, 230, 187) }
```

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

```
.border{ border-color:rgb(204, 230, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 230, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 230, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 230, 187);  
box-shadow:4px 4px 4px 4px rgb(204, 230,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 204, 230, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 230, 187) }
```

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

```
.background{ background-color: rgb(204,  
230, 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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