

Converting Colors

RGB(204, 224, 187)

Have a look what the booklet for
RGB(204, 224, 187) contains.

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Color

RGB(204, 224, 187)

Conversions

Conversions Part 1

Format	Color
Hex	CCE0BB
RGB	204, 224, 187
RGB Percent	80%, 88%, 73%
CMY	0.2000, 0.1216, 0.2667
CMYK	0.09, 0.00, 0.17, 0.12
HSL	92°, 37%, 81%
HSV	92°, 17%, 88%
XYZ	60.5271, 69.7365, 57.2841
YIQ	213.8020, -0.0430, -15.7470

Conversions

Conversions Part 2

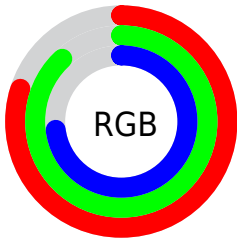
Format	Color
RYB	187, 224, 207
Decimal	13426875
CIELab	86.87, -13.22, 15.90
CIELCh	87, 20.682, 129.747
Yxy	69.7365, 0.3227, 0.3718
Android (android.graphics.Color)	4291616955 (0xFFCCE0BB)
YUV	213.8020, -13.2134, -8.5964
Hunter-Lab	83.5084, -16.7624, 17.7848

Details

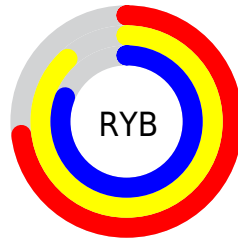
The RGB color **204, 224, 187** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **207, 187, 224**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **255, 255, 243**, and **150, 169, 134** is the 20% darker color. If you saturate the color by 10%, you get **192, 224, 165**, and if you desaturate by 10%, it is **216, 224, 209**.

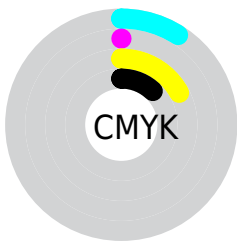
Distribution



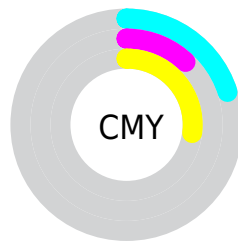
- Red (80%)
- Green (88%)
- Blue (73%)



- Red (73%)
- Yellow (88%)
- Blue (81%)



- Cyan (9%)
- Magenta (0%)
- Yellow (17%)
- Black (12%)



- Cyan (20%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 224, 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, 224, 187 by changing the saturation by 10% instead.

 204, 224, 187


255, 255, 255

 255, 255, 243

 204, 224, 187


 176, 196, 160

 150, 169, 134

 124, 142, 108


 99, 117, 84

 74, 92, 61

 51, 68, 39

 30, 46, 18

 4, 26, 0

 0, 0, 0

 204, 224, 187

 204, 224, 187

 192, 224, 165


 216, 224, 209

 180, 224, 142


 228, 224, 232

 168, 224, 120


 240, 224, 254

 156, 224, 97

 252, 224, 255

 143, 224, 75

 255, 224, 255

 131, 224, 53

 119, 224, 30

 107, 224, 8

 103, 224, 0

Harmonies

Analogous

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



226, 218, 179



204, 224, 187



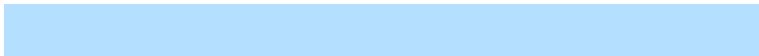
183, 228, 203

Triad

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



204, 224, 187



180, 223, 254



255, 204, 212

Complementary

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



204, 224, 187



207, 187, 224

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.



249, 205, 232



204, 224, 187



204, 217, 255

Square

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



204, 224, 187



166, 227, 242



229, 210, 248



255, 206, 193

Rectangle

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



204, 224, 187



172, 229, 217



229, 210, 248



255, 204, 218

Sweetspot

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



204, 224, 187



248, 255, 242



224, 207, 187



123, 128, 120



0, 0, 0



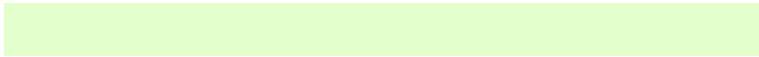
128, 128, 128

Same Dimension

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



204, 224, 187



227, 255, 204



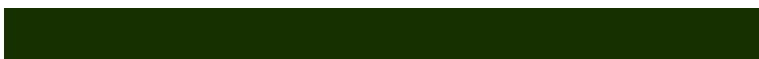
187, 224, 188



106, 112, 101



81, 176, 0



22, 48, 0

Inverse Universe

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



207, 187, 224



232, 204, 255



224, 187, 223



107, 101, 112



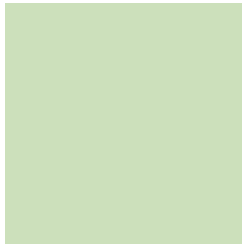
95, 0, 176



26, 0, 48

Previews

White Background



This preview shows how the RGB color 204, 224, 187 looks on a white background.

Color Contrast Check

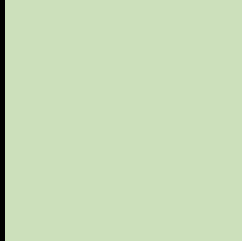
Large Text (above 18pt) WCAG AA × Fail

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, 224, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

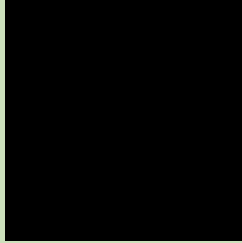
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

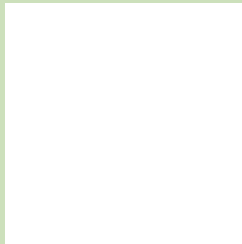
Any Text WCAG AAA ✓ Pass

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

RGB 204, 224, 187 Background



This preview shows how black text looks on a background with the RGB color 204, 224, 187.

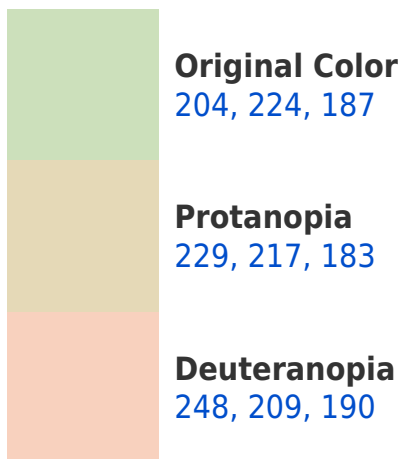


This preview shows how white text looks on a background with the RGB color 204, 224, 187.

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](#).

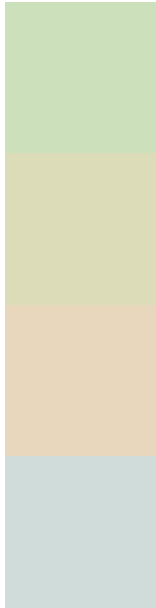
Dichromacy





Tritanopia
211, 217, 235

Trichromacy



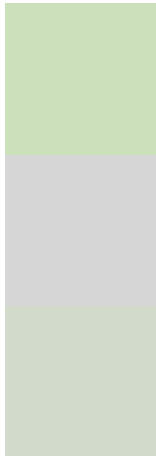
Original Color
204, 224, 187

Protanomaly
220, 220, 184

Deuteranomaly
232, 214, 189

Tritanomaly
208, 220, 218

Monochromacy



Original Color
204, 224, 187

Achromatopsia
214, 214, 214

Achromatomaly
210, 218, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 224, 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, 224, 187)` looks like.

```
.text, #text, p{  
    color:rgb(204, 224, 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, 224, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 224, 187) }
```

Border

The CSS property to change the border of an element to RGB 204, 224, 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, 224, 187) }
```

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

```
.border{ border-color:rgb(204, 224, 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, 224, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 224, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 224, 187);  
box-shadow:4px 4px 4px 4px rgb(204, 224,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 204, 224, 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, 224, 187) }
```

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

```
.background{ background-color: rgb(204,  
224, 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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