

Converting Colors

RGB(206, 228, 188)

Have a look what the booklet for
RGB(206, 228, 188) contains.

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Color

RGB(206, 228, 188)

Conversions

Conversions Part 1

Format	Color
Hex	CEE4BC
RGB	206, 228, 188
RGB Percent	81%, 89%, 74%
CMY	0.1922, 0.1059, 0.2627
CMYK	0.10, 0.00, 0.18, 0.11
HSL	93°, 43%, 82%
HSV	93°, 18%, 89%
XYZ	62.2741, 72.2395, 58.2384
YIQ	216.8620, -0.2720, -17.1040

Conversions

Conversions Part 2

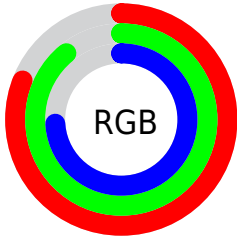
Format	Color
RYB	188, 228, 210
Decimal	13558972
CIELab	88.08, -14.37, 17.11
CIElCh	88, 22.339, 130.024
Yxy	72.2395, 0.3231, 0.3748
Android (android.graphics.Color)	4291749052 (0xFFCEE4BC)
YUV	216.8620, -14.2290, -9.5260
Hunter-Lab	84.9938, -17.9540, 18.8697

Details

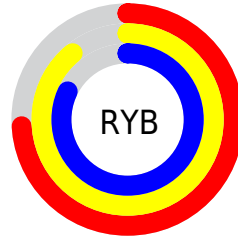
The RGB color **206, 228, 188** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **210, 188, 228**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 244**, and **151, 173, 135** is the 20% darker color. If you saturate the color by 10%, you get **193, 228, 165**, and if you desaturate by 10%, it is **219, 228, 211**.

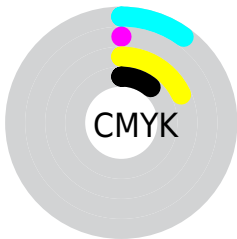
Distribution



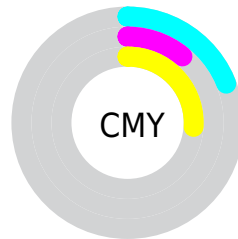
- Red (81%)
- Green (89%)
- Blue (74%)



- Red (74%)
- Yellow (89%)
- Blue (82%)



- Cyan (10%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)



- Cyan (19%)
- Magenta (11%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 206, 228, 188 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 206, 228, 188 by changing the saturation by 10% instead.


 206, 228, 188

255, 255, 255

 255, 255, 244

 206, 228, 188

 178, 200, 161


 151, 173, 135

 125, 146, 109


 100, 120, 85

 76, 95, 61

 53, 72, 39

 31, 49, 18

 8, 28, 0

 0, 0, 0

■ 206, 228, 188

■ 206, 228, 188

■ 193, 228, 165

■ 219, 228, 211

■ 181, 228, 142

■ 231, 228, 234

■ 168, 228, 120

■ 244, 228, 255

■ 156, 228, 97

■ 255, 228, 255

■ 143, 228, 74

■ 131, 228, 51

■ 118, 228, 28

■ 106, 228, 6

■ 103, 228, 0

Harmonies

Analogous

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



230, 222, 179



206, 228, 188



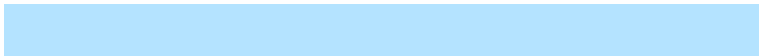
183, 232, 206

Triad

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



206, 228, 188



180, 227, 255



255, 206, 214

Complementary

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



206, 228, 188



210, 188, 228

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, 208, 236



206, 228, 188



206, 220, 255

Square

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



206, 228, 188



165, 232, 247



234, 213, 254



255, 209, 195

Rectangle

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



206, 228, 188



171, 233, 220



234, 213, 254



255, 206, 222

Sweetspot

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



206, 228, 188



248, 255, 242



228, 210, 188



123, 128, 120



0, 0, 0



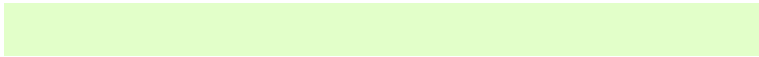
128, 128, 128

Same Dimension

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



206, 228, 188



226, 255, 201



188, 228, 190



108, 115, 103



80, 179, 0



23, 51, 0

Inverse Universe

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



210, 188, 228



231, 201, 255



228, 188, 226



110, 103, 115



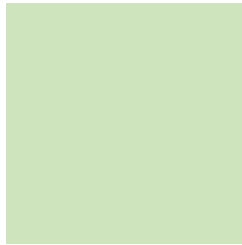
98, 0, 179



28, 0, 51

Previews

White Background



This preview shows how the RGB color 206, 228, 188 looks on a white background.

Color Contrast Check

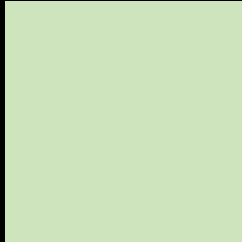
Large Text (above 18pt) WCAG AA × Fail

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 206, 228, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

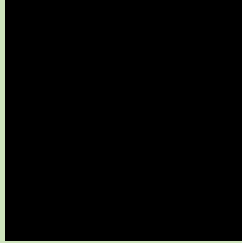
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

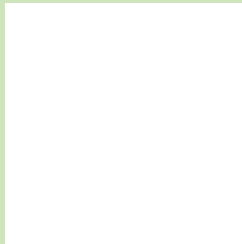
Any Text WCAG AAA ✓ Pass

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

RGB 206, 228, 188 Background



This preview shows how black text looks on a background with the RGB color 206, 228, 188.

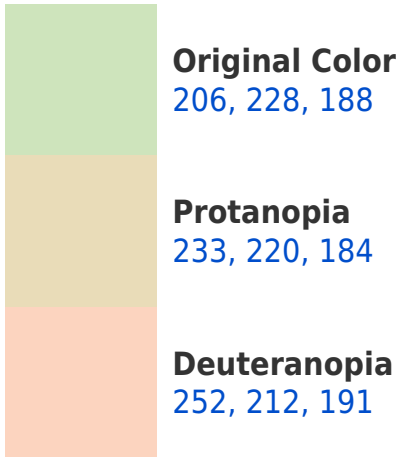


This preview shows how white text looks on a background with the RGB color 206, 228, 188.

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

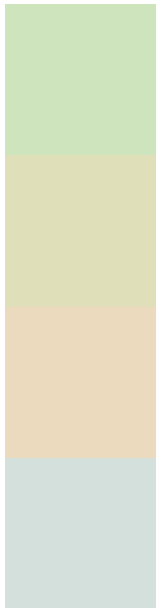




Tritanopia

214, 221, 238

Trichromacy



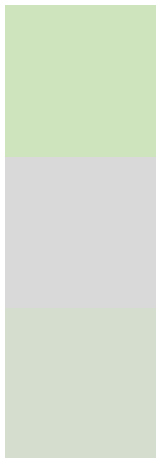
Original Color
206, 228, 188

Protanomaly
223, 223, 185

Deuteranomaly
235, 218, 190

Tritanomaly
211, 224, 220

Monochromacy



Original Color
206, 228, 188

Achromatopsia
217, 217, 217

Achromatomaly
213, 221, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 206, 228, 188 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(206, 228, 188)` looks like.

```
.text, #text, p{  
    color:rgb(206, 228, 188)  
}
```

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(206, 228, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 228, 188) }
```

Border

The CSS property to change the border of an element to RGB 206, 228, 188 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(206, 228, 188) }
```

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

```
.border{ border-color:rgb(206, 228, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 228, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 228, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 228, 188);  
box-shadow:4px 4px 4px 4px rgb(206, 228,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 206, 228, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 228, 188) }
```

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

```
.background{ background-color: rgb(206,  
228, 188) }
```

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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