

Converting Colors

RGB(208, 230, 176)

Have a look what the booklet for
RGB(208, 230, 176) contains.

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Color

RGB(208, 230, 176)

Conversions

Conversions Part 1

Format	Color
Hex	D0E6B0
RGB	208, 230, 176
RGB Percent	82%, 90%, 69%
CMY	0.1843, 0.0980, 0.3098
CMYK	0.10, 0.00, 0.23, 0.10
HSL	84°, 52%, 80%
HSV	84°, 23%, 90%
XYZ	62.1457, 73.1381, 51.9159
YIQ	217.2660, 4.2220, -21.4580

Conversions

Conversions Part 2

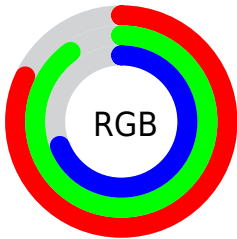
Format	Color
RYB	176, 230, 198
Decimal	13690544
CIELab	88.51, -16.52, 23.95
CIELCh	89, 29.093, 124.595
Yxy	73.1381, 0.3320, 0.3907
Android (android.graphics.Color)	4291880624 (0xFFD0E6B0)
YUV	217.2660, -20.3441, -8.1263
Hunter-Lab	85.5208, -19.9502, 23.8722

Details

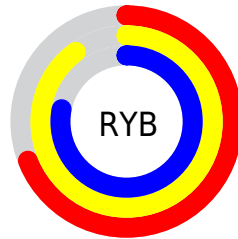
The RGB color **208, 230, 176** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **198, 176, 230**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 232**, and **153, 174, 123** is the 20% darker color. If you saturate the color by 10%, you get **199, 230, 153**, and if you desaturate by 10%, it is **217, 230, 199**.

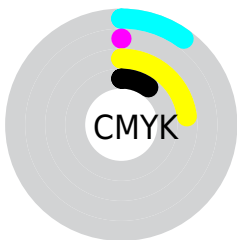
Distribution



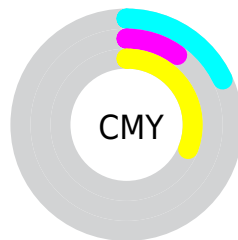
- Red (82%)
- Green (90%)
- Blue (69%)



- Red (69%)
- Yellow (90%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (23%)
- Black (10%)



- Cyan (18%)
- Magenta (10%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 208, 230, 176 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 208, 230, 176 by changing the saturation by 10% instead.

 208, 230, 176

255, 255, 255


 255, 255, 232

 208, 230, 176


 180, 202, 149


 153, 174, 123

 127, 148, 98

 101, 122, 74

 77, 97, 51

 53, 73, 28

 31, 51, 5

 5, 30, 0

 0, 0, 0

 208, 230, 176

 208, 230, 176

 199, 230, 153


 217, 230, 199

 189, 230, 130


 227, 230, 222

 180, 230, 107


 236, 230, 245

 171, 230, 84


 245, 230, 255

 161, 230, 61

 255, 230, 255

 152, 230, 38

 255, 230, 255

 142, 230, 15

 136, 230, 0

Harmonies

Analogous

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



239, 222, 167



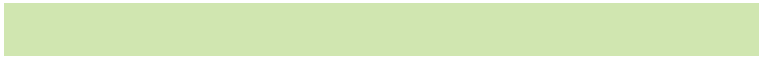
208, 230, 176



176, 236, 198

Triad

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



208, 230, 176



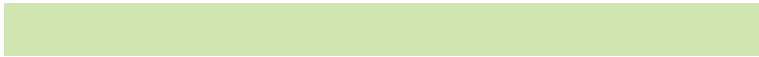
159, 231, 255



255, 202, 219

Complementary

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



208, 230, 176



198, 176, 230

Split Complementary

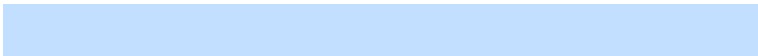
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 206, 246



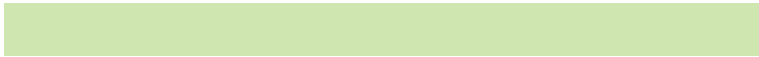
208, 230, 176



194, 223, 255

Square

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



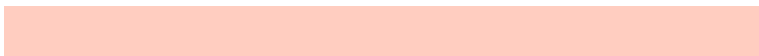
208, 230, 176



142, 237, 253



232, 214, 255



255, 205, 192

Rectangle

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



208, 230, 176



158, 238, 216



232, 214, 255



255, 203, 228

Sweetspot

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



208, 230, 176



248, 255, 237



230, 198, 176



123, 128, 117



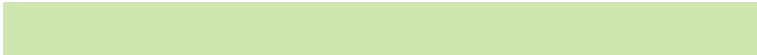
0, 0, 0



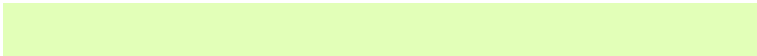
128, 128, 128

Same Dimension

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



208, 230, 176



226, 255, 184



181, 230, 176



110, 115, 103



106, 179, 0



30, 51, 0

Inverse Universe

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



198, 176, 230



213, 184, 255



225, 176, 230



108, 103, 115



73, 0, 179



21, 0, 51

Previews

White Background



This preview shows how the RGB color 208, 230, 176 looks on a white background.

Color Contrast Check

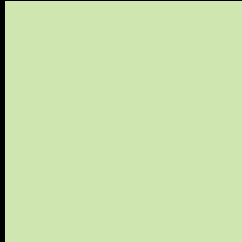
Large Text (above 18pt) WCAG AA × Fail

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 208, 230, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

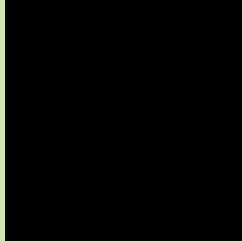
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

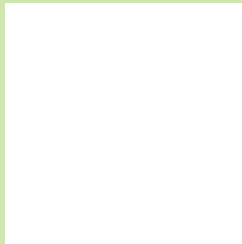
Any Text WCAG AAA ✓ Pass

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

RGB 208, 230, 176 Background



This preview shows how black text looks on a background with the RGB color 208, 230, 176.

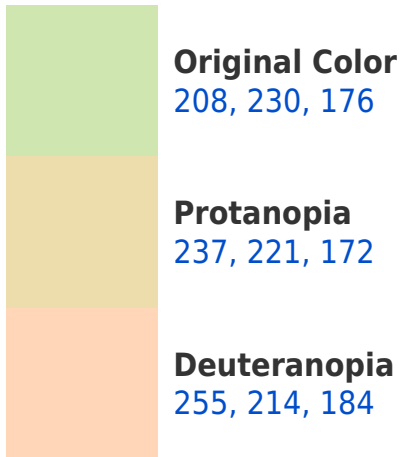


This preview shows how white text looks on a background with the RGB color 208, 230, 176.

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](#).

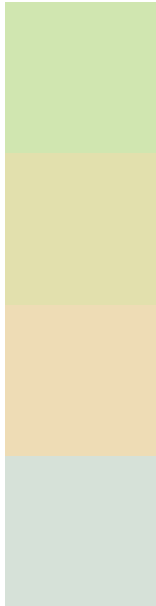
Dichromacy





Tritanopia
217, 222, 239

Trichromacy



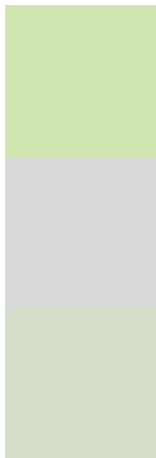
Original Color
208, 230, 176

Protanomaly
226, 224, 173

Deuteranomaly
238, 220, 181

Tritanomaly
214, 225, 216

Monochromacy



Original Color
208, 230, 176

Achromatopsia
217, 217, 217

Achromatomaly
214, 222, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 208, 230, 176 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(208, 230, 176)` looks like.

```
.text, #text, p{  
    color:rgb(208, 230, 176)  
}
```

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(208, 230, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 230, 176) }
```

Border

The CSS property to change the border of an element to RGB 208, 230, 176 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(208, 230, 176) }
```

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

```
.border{ border-color:rgb(208, 230, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 230, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 230, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 230, 176);  
box-shadow:4px 4px 4px 4px rgb(208, 230,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 208, 230, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 230, 176) }
```

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

```
.background{ background-color: rgb(208,  
230, 176) }
```

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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