

Converting Colors

RGB(201, 232, 176)

Have a look what the booklet for
RGB(201, 232, 176) contains.

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Color

RGB(201, 232, 176)

Conversions

Conversions Part 1

Format	Color
Hex	C9E8B0
RGB	201, 232, 176
RGB Percent	79%, 91%, 69%
CMY	0.2118, 0.0902, 0.3098
CMYK	0.13, 0.00, 0.24, 0.09
HSL	93°, 55%, 80%
HSV	93°, 24%, 91%
XYZ	60.7805, 73.2653, 52.0124
YIQ	216.3470, -0.5000, -23.9880

Conversions

Conversions Part 2

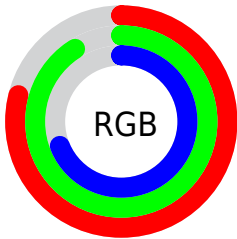
Format	Color
RYB	176, 232, 207
Decimal	13232304
CIELab	88.57, -19.98, 23.96
CIELCh	89, 31.196, 129.829
Yxy	73.2653, 0.3267, 0.3938
Android (android.graphics.Color)	4291422384 (0xFFC9E8B0)
YUV	216.3470, -19.8911, -13.4593
Hunter-Lab	85.5952, -23.0400, 23.8887

Details

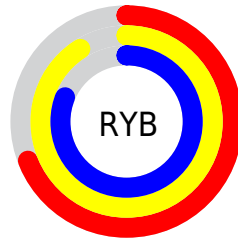
The RGB color **201, 232, 176** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **207, 176, 232**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 232**, and **146, 176, 123** is the 20% darker color. If you saturate the color by 10%, you get **188, 232, 153**, and if you desaturate by 10%, it is **214, 232, 199**.

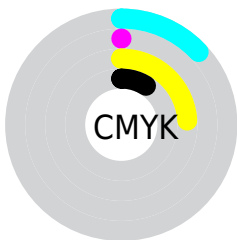
Distribution



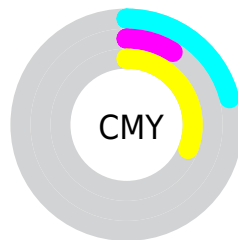
- Red (79%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (81%)



- Cyan (13%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)



- Cyan (21%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 232, 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 201, 232, 176 by changing the saturation by 10% instead.

 201, 232, 176


 201, 232, 176

255, 255, 255


 173, 204, 149

 255, 255, 232

 146, 176, 123

 120, 150, 98

 95, 124, 74

 71, 99, 51

 47, 75, 28

 25, 52, 5

 0, 31, 0

 0, 0, 0

 201, 232, 176

 201, 232, 176

 188, 232, 153


 214, 232, 199

 175, 232, 130

 227, 232, 222

 162, 232, 106

 240, 232, 246


 150, 232, 83

 252, 232, 255

 137, 232, 60

 255, 232, 255

 124, 232, 37

 111, 232, 14

 104, 232, 0

Harmonies

Analogous

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



234, 224, 164



201, 232, 176



167, 237, 201

Triad

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



201, 232, 176



159, 231, 255



255, 201, 213

Complementary

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



201, 232, 176



207, 176, 232

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, 203, 244



201, 232, 176



199, 222, 255

Square

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



201, 232, 176



135, 237, 255



239, 211, 255



255, 205, 186

Rectangle

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



201, 232, 176



148, 239, 221



239, 211, 255



255, 201, 224

Sweetspot

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



201, 232, 176



245, 255, 237



232, 207, 176



122, 128, 117



0, 0, 0



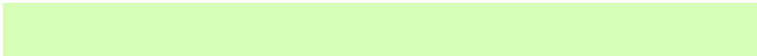
128, 128, 128

Same Dimension

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



201, 232, 176



214, 255, 181



176, 232, 179



108, 115, 103



80, 179, 0



23, 51, 0

Inverse Universe

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



207, 176, 232



222, 181, 255



232, 176, 229



110, 103, 115



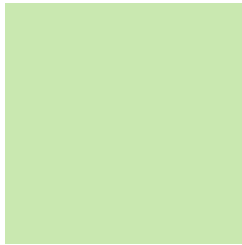
99, 0, 179



28, 0, 51

Previews

White Background



This preview shows how the RGB color 201, 232, 176 looks on a white background.

Color Contrast Check

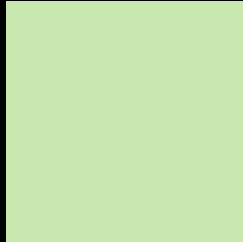
Large Text (above 18pt) WCAG AA × Fail

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 201, 232, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

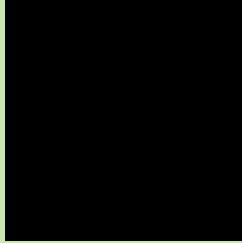
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

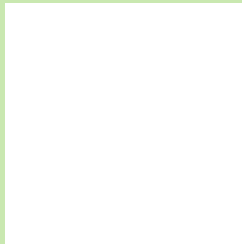
Any Text WCAG AAA ✓ Pass

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

RGB 201, 232, 176 Background



This preview shows how black text looks on a background with the RGB color 201, 232, 176.



This preview shows how white text looks on a background with the RGB color 201, 232, 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](#).

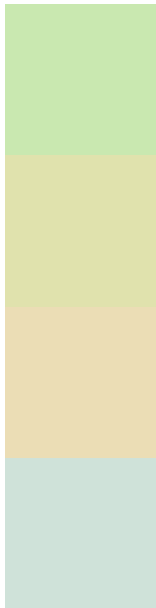
Dichromacy





Tritanopia
211, 223, 241

Trichromacy



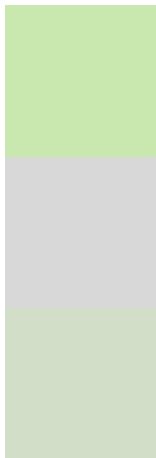
Original Color
201, 232, 176

Protanomaly
224, 226, 173

Deuteranomaly
235, 221, 181

Tritanomaly
207, 226, 217

Monochromacy



Original Color
201, 232, 176

Achromatopsia
216, 216, 216

Achromatomaly
211, 222, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 232, 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(201, 232, 176)` looks like.

```
.text, #text, p{  
    color:rgb(201, 232, 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(201, 232, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 232, 176) }
```

Border

The CSS property to change the border of an element to RGB 201, 232, 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(201, 232, 176) }
```

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

```
.border{ border-color:rgb(201, 232, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 232, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 232, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 232, 176);  
box-shadow:4px 4px 4px 4px rgb(201, 232,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 201, 232, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 232, 176) }
```

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

```
.background{ background-color: rgb(201,  
232, 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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