

Converting Colors

RGB(201, 233, 186)

Have a look what the booklet for
RGB(201, 233, 186) contains.

RGB(201, 233, 186)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(201, 233, 186)

Conversions

Conversions Part 1

Format	Color
Hex	C9E9BA
RGB	201, 233, 186
RGB Percent	79%, 91%, 73%
CMY	0.2118, 0.0863, 0.2706
CMYK	0.14, 0.00, 0.20, 0.09
HSL	101°, 52%, 82%
HSV	101°, 20%, 91%
XYZ	62.0892, 74.2405, 57.5118
YIQ	218.0740, -3.9850, -21.4010

Conversions

Conversions Part 2

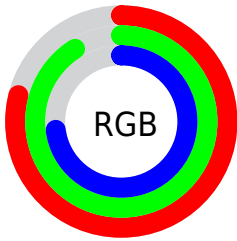
Format	Color
RYB	186, 233, 218
Decimal	13232570
CIELab	89.04, -18.90, 19.43
CIELCh	89, 27.105, 134.215
Yxy	74.2405, 0.3203, 0.3830
Android (android.graphics.Color)	4291422650 (0xFFC9E9BA)
YUV	218.0740, -15.8125, -14.9739
Hunter-Lab	86.1629, -22.1576, 20.7393

Details

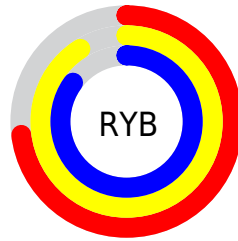
The RGB color **201, 233, 186** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **218, 186, 233**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **255, 255, 242**, and **147, 177, 133** is the 20% darker color. If you saturate the color by 10%, you get **185, 233, 163**, and if you desaturate by 10%, it is **217, 233, 209**.

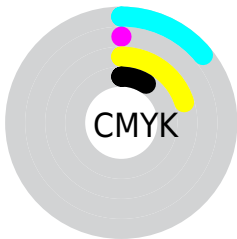
Distribution



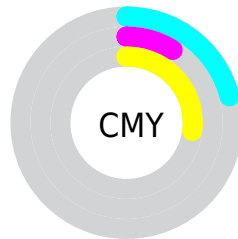
- Red (79%)
- Green (91%)
- Blue (73%)



- Red (73%)
- Yellow (91%)
- Blue (85%)



- Cyan (14%)
- Magenta (0%)
- Yellow (20%)
- Black (9%)



- Cyan (21%)
- Magenta (9%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 233, 186 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, 233, 186 by changing the saturation by 10% instead.


 201, 233, 186


255, 255, 255

 255, 255, 242


 201, 233, 186


 173, 205, 159

 147, 177, 133


 121, 150, 107

 95, 125, 83

 71, 99, 59

 48, 75, 37

 25, 53, 16

 1, 32, 0

 0, 0, 0

 201, 233, 186

 201, 233, 186

 185, 233, 163

 217, 233, 209

 169, 233, 139

 233, 233, 233


 153, 233, 116

 249, 233, 255


 138, 233, 93

 255, 233, 255

 122, 233, 69

 106, 233, 46

 90, 233, 23

 74, 233, 0

Harmonies

Analogous

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



230, 226, 173



201, 233, 186



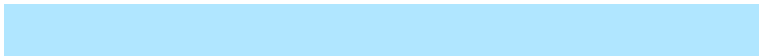
173, 237, 209

Triad

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



201, 233, 186



176, 230, 255



255, 205, 212

Complementary

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



201, 233, 186



218, 186, 233

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, 238



201, 233, 186



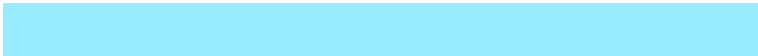
210, 222, 255

Square

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



201, 233, 186



153, 236, 255



243, 213, 255



255, 210, 189

Rectangle

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



201, 233, 186



158, 238, 226



243, 213, 255



255, 205, 221

Sweetspot

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



201, 233, 186



245, 255, 240



233, 217, 186



121, 128, 119



0, 0, 0



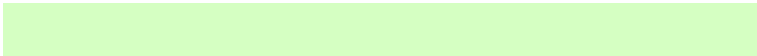
128, 128, 128

Same Dimension

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



201, 233, 186



213, 255, 194



186, 233, 194



109, 117, 106



58, 181, 0



17, 54, 0

Inverse Universe

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



218, 186, 233



235, 194, 255



233, 186, 225



114, 106, 117



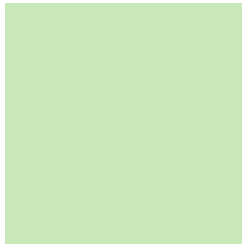
123, 0, 181



36, 0, 54

Previews

White Background



This preview shows how the RGB color 201, 233, 186 looks on a white background.

Color Contrast Check

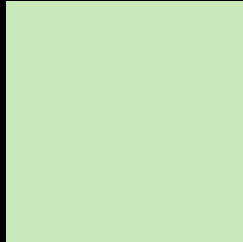
Large Text (above 18pt) WCAG AA × Fail

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, 233, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

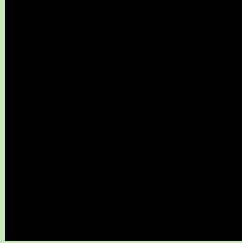
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

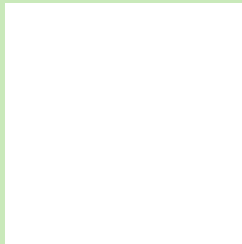
Any Text WCAG AAA ✓ Pass

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

RGB 201, 233, 186 Background



This preview shows how black text looks on a background with the RGB color 201, 233, 186.



This preview shows how white text looks on a background with the RGB color 201, 233, 186.

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





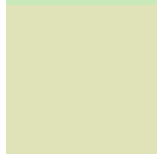
Tritanopia
210, 225, 243

Trichromacy



Original Color

201, 233, 186



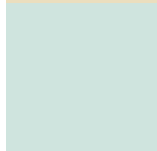
Protanomaly

224, 227, 183



Deuteranomaly

235, 222, 190



Tritanomaly

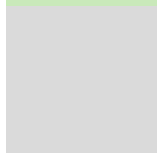
207, 228, 222

Monochromacy



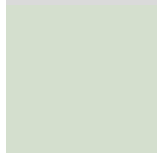
Original Color

201, 233, 186



Achromatopsia

218, 218, 218



Achromatomaly

212, 223, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 233, 186 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, 233, 186)` looks like.

```
.text, #text, p{  
    color:rgb(201, 233, 186)  
}
```

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, 233, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 233, 186) }
```

Border

The CSS property to change the border of an element to RGB 201, 233, 186 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, 233, 186) }
```

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

```
.border{ border-color:rgb(201, 233, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 233, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 233, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 233, 186); box-shadow:4px 4px 4px 4px rgb(201, 233, 186) }
```

Background

The CSS property to change the background color of an element to RGB 201, 233, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 233, 186) }
```

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

```
.background{ background-color: rgb(201,  
233, 186) }
```

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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