

Converting Colors

RGB(203, 236, 181)

Have a look what the booklet for
RGB(203, 236, 181) contains.

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Color

RGB(203, 236, 181)

Conversions

Conversions Part 1

Format	Color
Hex	CBECB5
RGB	203, 236, 181
RGB Percent	80%, 93%, 71%
CMY	0.2039, 0.0745, 0.2902
CMYK	0.14, 0.00, 0.23, 0.07
HSL	96°, 59%, 82%
HSV	96°, 23%, 93%
XYZ	62.9645, 76.0236, 55.0715
YIQ	219.8630, -2.0130, -24.1010

Conversions

Conversions Part 2

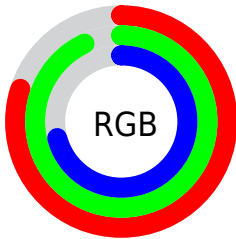
Format	Color
RYB	181, 236, 214
Decimal	13364405
CIELab	89.87, -20.47, 23.18
CIELCh	90, 30.927, 131.439
Yxy	76.0236, 0.3245, 0.3918
Android (android.graphics.Color)	4291554485 (0xFFCBECB5)
YUV	219.8630, -19.1595, -14.7889
Hunter-Lab	87.1915, -23.6830, 23.5856

Details

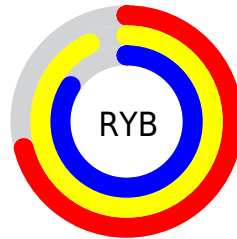
The RGB color **203, 236, 181** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **214, 181, 236**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 237**, and **148, 180, 128** is the 20% darker color. If you saturate the color by 10%, you get **189, 236, 157**, and if you desaturate by 10%, it is **217, 236, 205**.

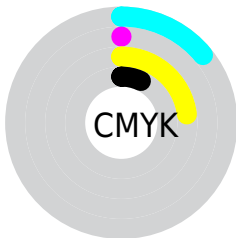
Distribution



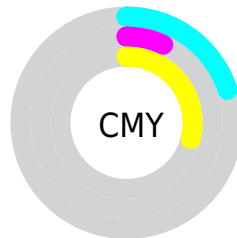
- Red (80%)
- Green (93%)
- Blue (71%)



- Red (71%)
- Yellow (93%)
- Blue (84%)



- Cyan (14%)
- Magenta (0%)
- Yellow (23%)
- Black (7%)



- Cyan (20%)
- Magenta (7%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 236, 181 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 203, 236, 181 by changing the saturation by 10% instead.


 203, 236, 181


 203, 236, 181

255, 255, 255

 175, 208, 154

 255, 255, 237

 148, 180, 128


 122, 153, 103

 97, 127, 78

 72, 102, 55

 49, 78, 33

 26, 55, 10

 1, 33, 0

 0, 0, 0

■ 203, 236, 181

■ 203, 236, 181

■ 189, 236, 157

■ 217, 236, 205

■ 175, 236, 134

■ 231, 236, 228

■ 161, 236, 110

■ 245, 236, 252

■ 146, 236, 87

■ 255, 236, 255

■ 132, 236, 63

■ 118, 236, 39

■ 104, 236, 16

■ 94, 236, 0

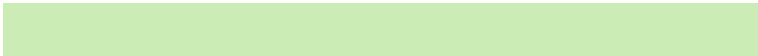
Harmonies

Analogous

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



236, 228, 168



203, 236, 181



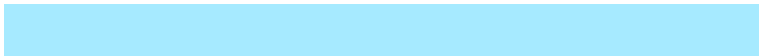
170, 241, 206

Triad

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



203, 236, 181



166, 234, 255



255, 205, 216

Complementary

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



203, 236, 181



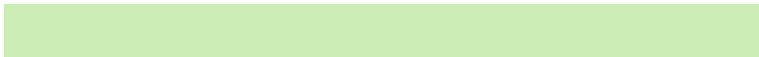
214, 181, 236

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, 246



203, 236, 181



206, 225, 255

Square

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



203, 236, 181



141, 240, 255



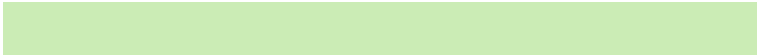
245, 215, 255



255, 209, 188

Rectangle

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



203, 236, 181



151, 243, 226



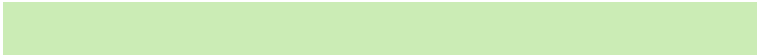
245, 215, 255



255, 205, 226

Sweetspot

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



203, 236, 181



244, 255, 237



236, 214, 181



121, 128, 117



0, 0, 0



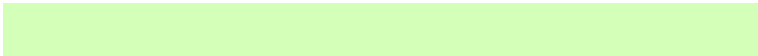
128, 128, 128

Same Dimension

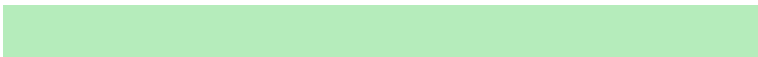
The Same Dimension uses a secret algorithm to generate beautiful new colors.



203, 236, 181



212, 255, 184



181, 236, 187



110, 117, 106



72, 181, 0



21, 54, 0

Inverse Universe

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



214, 181, 236



226, 184, 255



236, 181, 231



113, 106, 117



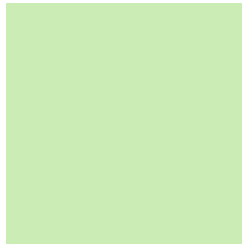
109, 0, 181



32, 0, 54

Previews

White Background



This preview shows how the RGB color 203, 236, 181 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 203, 236, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

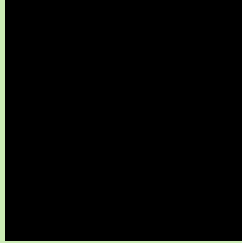
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

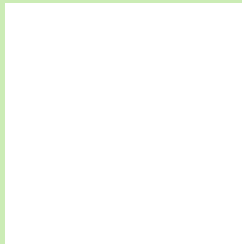
Any Text WCAG AAA ✓ Pass

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

RGB 203, 236, 181 Background



This preview shows how black text looks on a background with the RGB color 203, 236, 181.



This preview shows how white text looks on a background with the RGB color 203, 236, 181.

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
213, 227, 245

Trichromacy



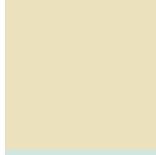
Original Color

203, 236, 181



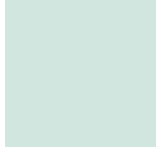
Protanomaly

227, 229, 178



Deuteranomaly

236, 225, 189



Tritanomaly

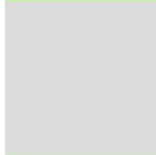
209, 230, 222

Monochromacy



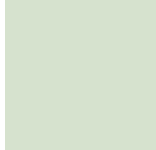
Original Color

203, 236, 181



Achromatopsia

220, 220, 220



Achromatomaly

214, 226, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 236, 181 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(203, 236, 181)` looks like.

```
.text, #text, p{  
    color:rgb(203, 236, 181)  
}
```

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(203, 236, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 236, 181) }
```

Border

The CSS property to change the border of an element to RGB 203, 236, 181 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(203, 236, 181) }
```

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

```
.border{ border-color:rgb(203, 236, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 236, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 236, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 236, 181);  
box-shadow:4px 4px 4px 4px rgb(203, 236,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 203, 236, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 236, 181) }
```

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

```
.background{ background-color: rgb(203,  
236, 181) }
```

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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