

Converting Colors

RGB(203, 251, 210)

Have a look what the booklet for
RGB(203, 251, 210) contains.

RGB(203, 251, 210)	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(203, 251, 210)

Conversions

Conversions Part 1

Format	Color
Hex	CBFBD2
RGB	203, 251, 210
RGB Percent	80%, 98%, 82%
CMY	0.2039, 0.0157, 0.1765
CMYK	0.19, 0.00, 0.16, 0.02
HSL	129°, 86%, 89%
HSV	129°, 19%, 98%
XYZ	70.7586, 86.3440, 73.9095
YIQ	231.9740, -15.4470, -22.9270

Conversions

Conversions Part 2

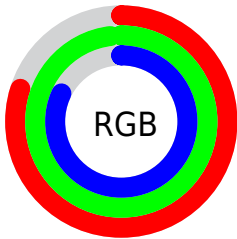
Format	Color
RYB	203, 245, 251
Decimal	13368274
CIELab	94.46, -22.96, 14.68
CIELCh	94, 27.249, 147.409
Yxy	86.3440, 0.3063, 0.3738
Android (android.graphics.Color)	4291558354 (0xFFCBBFD2)
YUV	231.9740, -10.8332, -25.4102
Hunter-Lab	92.9215, -26.6869, 17.8860

Details

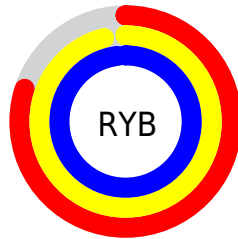
The RGB color **203, 251, 210** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **251, 203, 244**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **148, 194, 155** is the 20% darker color. If you saturate the color by 10%, you get **178, 251, 189**, and if you desaturate by 10%, it is **228, 251, 231**.

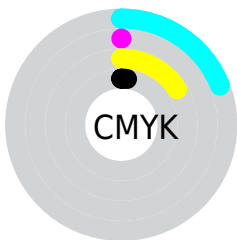
Distribution



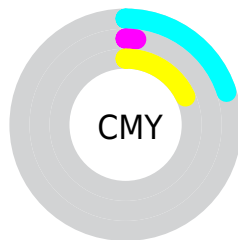
- Red (80%)
- Green (98%)
- Blue (82%)



- Red (80%)
- Yellow (96%)
- Blue (98%)



- Cyan (19%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)



- Cyan (20%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 251, 210 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, 251, 210 by changing the saturation by 10% instead.

 203, 251, 210


255, 255, 255

 203, 251, 210

 175, 222, 182

 148, 194, 155

 122, 167, 129


 96, 140, 104

 72, 115, 80

 48, 90, 57

 24, 66, 35

 0, 44, 14

 0, 24, 0

 203, 251, 210

 203, 251, 210

 178, 251, 189

 228, 251, 231

 153, 251, 167

 253, 251, 253

 128, 251, 146

 255, 251, 255

 103, 251, 124

 78, 251, 103

 52, 251, 81

 27, 251, 60

 2, 251, 38

 0, 251, 37

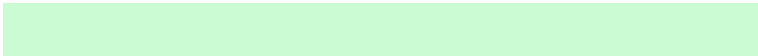
Harmonies

Analogous

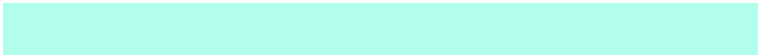
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233, 245, 192



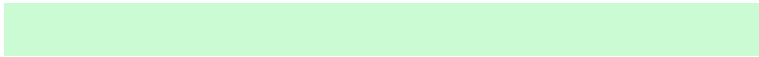
203, 251, 210



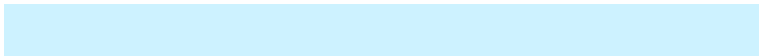
177, 254, 236

Triad

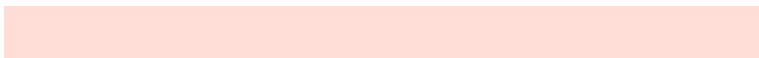
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



203, 251, 210



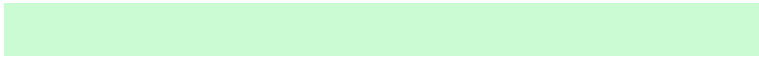
205, 242, 255



255, 222, 216

Complementary

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



203, 251, 210



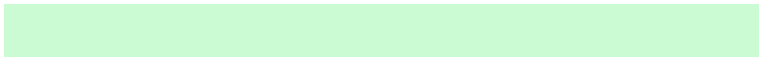
251, 203, 244

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, 221, 242



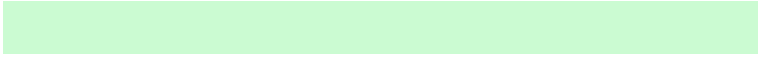
203, 251, 210



241, 233, 255

Square

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



203, 251, 210



176, 249, 255



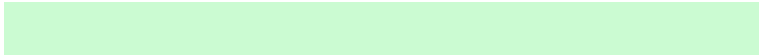
255, 225, 255



255, 228, 196

Rectangle

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



203, 251, 210



167, 254, 254



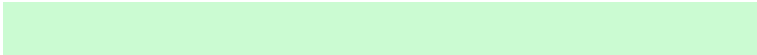
255, 225, 255



255, 221, 224

Sweetspot

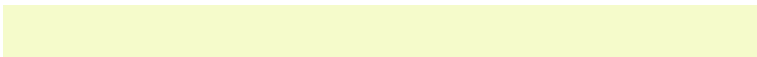
The Sweet Spot groups the original color and five complimentary colors.



203, 251, 210



240, 255, 242



245, 251, 203



119, 128, 120



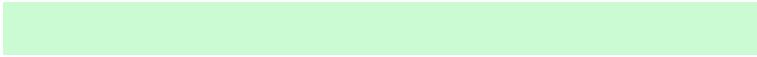
0, 0, 0



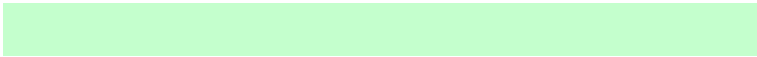
128, 128, 128

Same Dimension

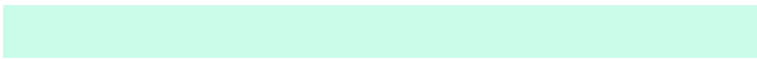
The Same Dimension uses a secret algorithm to generate beautiful new colors.



203, 251, 210



196, 255, 205



203, 251, 233



112, 125, 114



0, 189, 28



0, 61, 9

Inverse Universe

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



251, 203, 244



255, 196, 246



251, 203, 221



125, 112, 123



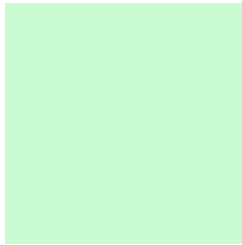
189, 0, 161



61, 0, 52

Previews

White Background



This preview shows how the RGB color 203, 251, 210 looks on a white background.

Color Contrast Check

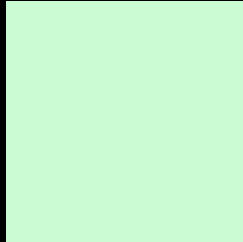
Large Text (above 18pt) WCAG AA × Fail

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, 251, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

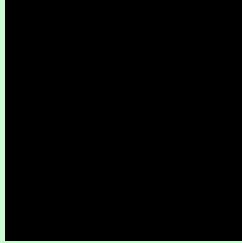
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

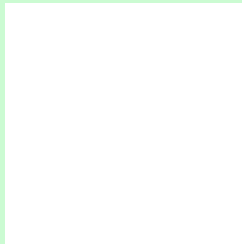
Any Text WCAG AAA ✓ Pass

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

RGB 203, 251, 210 Background



This preview shows how black text looks on a background with the RGB color 203, 251, 210.

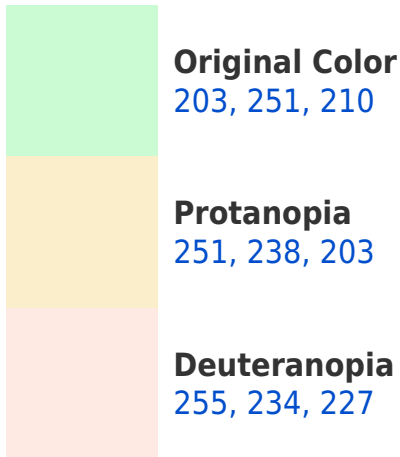


This preview shows how white text looks on a background with the RGB color 203, 251, 210.

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





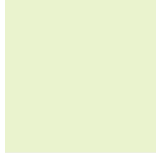
Tritanopia
222, 242, 255

Trichromacy



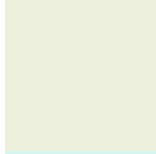
Original Color

203, 251, 210



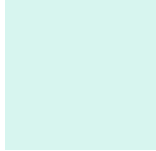
Protanomaly

234, 243, 206



Deuteranomaly

236, 240, 221



Tritanomaly

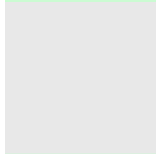
215, 245, 239

Monochromacy



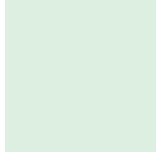
Original Color

203, 251, 210



Achromatopsia

232, 232, 232



Achromatomaly

221, 239, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 251, 210 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, 251, 210)` looks like.

```
.text, #text, p{  
    color:rgb(203, 251, 210)  
}
```

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, 251, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 251, 210) }
```

Border

The CSS property to change the border of an element to RGB 203, 251, 210 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, 251, 210) }
```

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

```
.border{ border-color:rgb(203, 251, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 251, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 251, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 251, 210);  
box-shadow:4px 4px 4px 4px rgb(203, 251,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 203, 251, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 251, 210) }
```

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

```
.background{ background-color: rgb(203,  
251, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor