

Converting Colors

RGB(203, 235, 195)

Have a look what the booklet for
RGB(203, 235, 195) contains.

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Color

RGB(203, 235, 195)

Conversions

Conversions Part 1

Format	Color
Hex	CBEBC3
RGB	203, 235, 195
RGB Percent	80%, 92%, 76%
CMY	0.2039, 0.0784, 0.2353
CMYK	0.14, 0.00, 0.17, 0.08
HSL	108°, 50%, 84%
HSV	108°, 17%, 92%
XYZ	64.1873, 76.0533, 62.9265
YIQ	220.8720, -6.2320, -19.2240

Conversions

Conversions Part 2

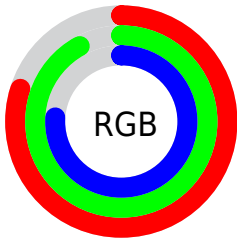
Format	Color
RYB	195, 235, 227
Decimal	13364163
CIELab	89.88, -17.72, 15.97
CIELCh	90, 23.856, 137.987
Yxy	76.0533, 0.3159, 0.3743
Android (android.graphics.Color)	4291554243 (0xFFCBEB3)
YUV	220.8720, -12.7549, -15.6737
Hunter-Lab	87.2085, -21.2353, 18.2645

Details

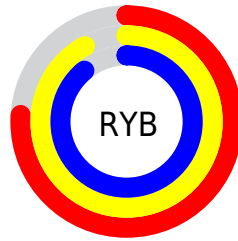
The RGB color **203, 235, 195** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **227, 195, 235**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 252**, and **149, 179, 141** is the 20% darker color. If you saturate the color by 10%, you get **184, 235, 171**, and if you desaturate by 10%, it is **222, 235, 219**.

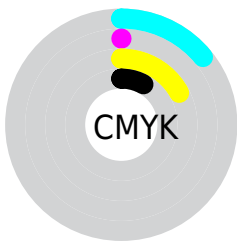
Distribution



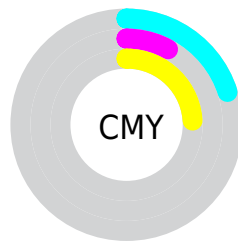
- Red (80%)
- Green (92%)
- Blue (76%)



- Red (76%)
- Yellow (92%)
- Blue (89%)



- Cyan (14%)
- Magenta (0%)
- Yellow (17%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 235, 195 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, 235, 195 by changing the saturation by 10% instead.

 203, 235, 195

 203, 235, 195

255, 255, 255

 175, 207, 168

255, 255, 252

 149, 179, 141

 123, 152, 116

 97, 126, 91

 73, 101, 67

 50, 77, 45

 27, 54, 24

 7, 33, 0

 0, 0, 0

 203, 235, 195

 203, 235, 195

 184, 235, 171

 222, 235, 219

 165, 235, 148

 241, 235, 242

 147, 235, 124


 255, 235, 255


 128, 235, 101

 109, 235, 78

 90, 235, 54

 71, 235, 31

 53, 235, 7

 47, 235, 0

Harmonies

Analogous

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



229, 229, 183



203, 235, 195



179, 239, 216

Triad

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



203, 235, 195



188, 231, 255



255, 210, 213

Complementary

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



203, 235, 195



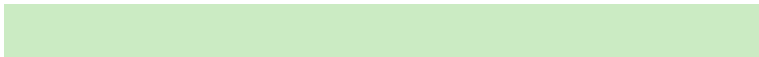
227, 195, 235

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, 211, 236



203, 235, 195



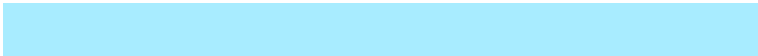
218, 223, 255

Square

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



203, 235, 195



168, 236, 255



247, 216, 255



255, 214, 193

Rectangle

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



203, 235, 195



168, 239, 232



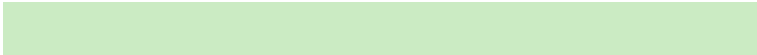
247, 216, 255



255, 210, 221

Sweetspot

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



203, 235, 195



245, 255, 242



235, 227, 195



121, 128, 120



0, 0, 0



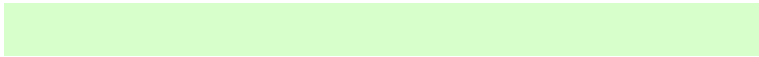
128, 128, 128

Same Dimension

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



203, 235, 195



214, 255, 204



195, 235, 207



108, 117, 106



36, 181, 0



11, 54, 0

Inverse Universe

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



227, 195, 235



245, 204, 255



235, 195, 223



115, 106, 117



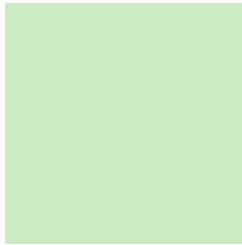
145, 0, 181



43, 0, 54

Previews

White Background



This preview shows how the RGB color 203, 235, 195 looks on a white background.

Color Contrast Check

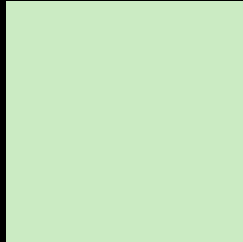
Large Text (above 18pt) WCAG AA × Fail

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, 235, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

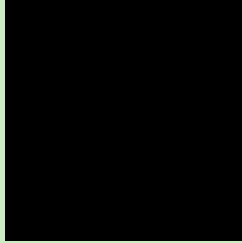
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

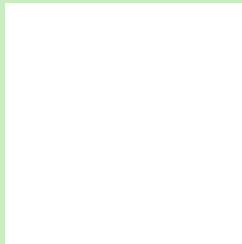
Any Text WCAG AAA ✓ Pass

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

RGB 203, 235, 195 Background



This preview shows how black text looks on a background with the RGB color 203, 235, 195.

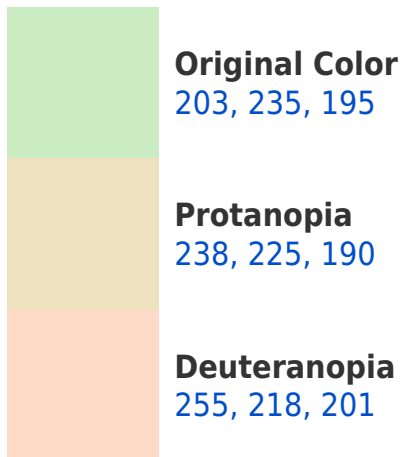


This preview shows how white text looks on a background with the RGB color 203, 235, 195.

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, 228, 246

Trichromacy



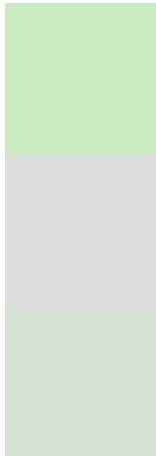
Original Color
203, 235, 195

Protanomaly
225, 229, 192

Deuteranomaly
236, 224, 199

Tritanomaly
208, 231, 227

Monochromacy



Original Color
203, 235, 195

Achromatopsia
221, 221, 221

Achromatomaly
214, 226, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 235, 195 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, 235, 195)` looks like.

```
.text, #text, p{  
    color:rgb(203, 235, 195)  
}
```

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, 235, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 235, 195) }
```

Border

The CSS property to change the border of an element to RGB 203, 235, 195 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, 235, 195) }
```

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

```
.border{ border-color:rgb(203, 235, 195) }
```

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

Here you see how a box with a 4 pixel rgb(203, 235, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 235, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 235, 195);  
box-shadow:4px 4px 4px 4px rgb(203, 235,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 203, 235, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 235, 195) }
```

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

```
.background{ background-color: rgb(203,  
235, 195) }
```

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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