

Converting Colors

RGB(193, 230, 189)

Have a look what the booklet for
RGB(193, 230, 189) contains.

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Color

RGB(193, 230, 189)

Conversions

Conversions Part 1

Format	Color
Hex	C1E6BD
RGB	193, 230, 189
RGB Percent	76%, 90%, 74%
CMY	0.2431, 0.0980, 0.2588
CMYK	0.16, 0.00, 0.18, 0.10
HSL	114°, 45%, 82%
HSV	114°, 18%, 90%
XYZ	59.4744, 71.6052, 58.8307
YIQ	214.2630, -8.8910, -20.5950

Conversions

Conversions Part 2

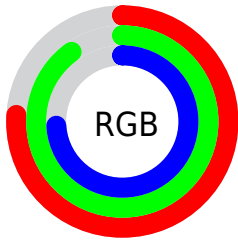
Format	Color
RYB	189, 230, 226
Decimal	12707517
CIELab	87.78, -19.66, 16.03
CIElCh	88, 25.366, 140.802
Yxy	71.6052, 0.3132, 0.3770
Android (android.graphics.Color)	4290897597 (0xFFC1E6BD)
YUV	214.2630, -12.4547, -18.6477
Hunter-Lab	84.6199, -22.6274, 18.0134

Details

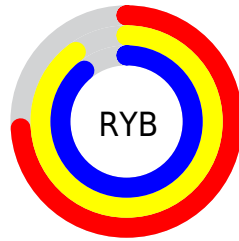
The RGB color **193, 230, 189** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **226, 189, 230**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **250, 255, 245**, and **139, 174, 136** is the 20% darker color. If you saturate the color by 10%, you get **172, 230, 166**, and if you desaturate by 10%, it is **214, 230, 212**.

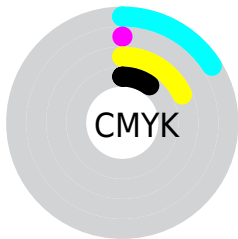
Distribution



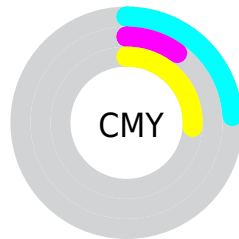
- Red (76%)
- Green (90%)
- Blue (74%)



- Red (74%)
- Yellow (90%)
- Blue (89%)



- Cyan (16%)
- Magenta (0%)
- Yellow (18%)
- Black (10%)



- Cyan (24%)
- Magenta (10%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 230, 189 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 193, 230, 189 by changing the saturation by 10% instead.

 193, 230, 189

255, 255, 255

 250, 255, 245

 193, 230, 189


 166, 202, 162


 139, 174, 136

 113, 148, 110

 88, 122, 86

 64, 97, 62

 41, 73, 40

 18, 50, 19

 0, 30, 0

 0, 0, 0

 193, 230, 189

 193, 230, 189

 172, 230, 166


 214, 230, 212

 151, 230, 143

 235, 230, 235

 131, 230, 120

 255, 230, 255

 110, 230, 97

 89, 230, 74

 68, 230, 51

 48, 230, 28

 27, 230, 5

 22, 230, 0

Harmonies

Analogous

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



221, 224, 175



193, 230, 189



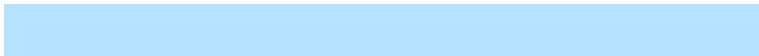
168, 233, 212

Triad

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



193, 230, 189



182, 225, 255



255, 204, 204

Complementary

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



193, 230, 189



226, 189, 230

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, 204, 229



193, 230, 189



215, 216, 255

Square

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



193, 230, 189



159, 231, 255



244, 209, 251



255, 208, 184

Rectangle

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



193, 230, 189



157, 234, 228



244, 209, 251



255, 203, 212

Sweetspot

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



193, 230, 189



243, 255, 242



230, 226, 189



121, 128, 120



0, 0, 0



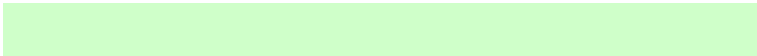
128, 128, 128

Same Dimension

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



193, 230, 189



207, 255, 201



189, 230, 205



104, 115, 103



17, 179, 0



5, 51, 0

Inverse Universe

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



226, 189, 230



250, 201, 255



230, 189, 214



114, 103, 115



161, 0, 179



46, 0, 51

Previews

White Background



This preview shows how the RGB color 193, 230, 189 looks on a white background.

Color Contrast Check

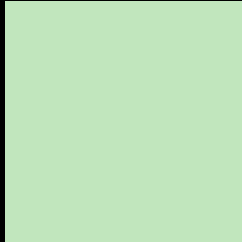
Large Text (above 18pt) WCAG AA × Fail

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 193, 230, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

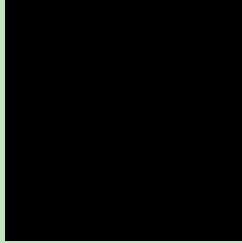
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

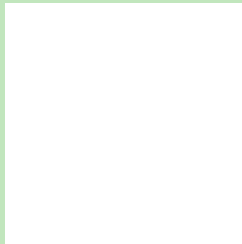
Any Text WCAG AAA ✓ Pass

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

RGB 193, 230, 189 Background



This preview shows how black text looks on a background with the RGB color 193, 230, 189.

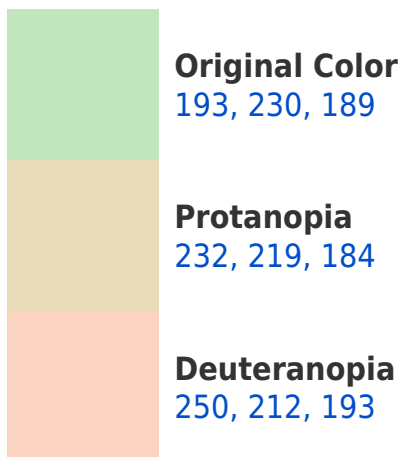


This preview shows how white text looks on a background with the RGB color 193, 230, 189.

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





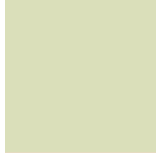
Tritanopia
201, 223, 241

Trichromacy



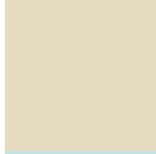
Original Color

193, 230, 189



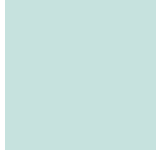
Protanomaly

218, 223, 186



Deuteranomaly

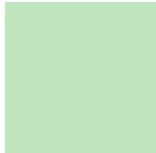
229, 219, 192



Tritanomaly

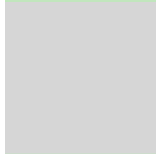
198, 226, 222

Monochromacy



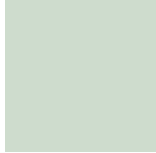
Original Color

193, 230, 189



Achromatopsia

214, 214, 214



Achromatomaly

206, 220, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 230, 189 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(193, 230, 189)` looks like.

```
.text, #text, p{  
    color:rgb(193, 230, 189)  
}
```

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(193, 230, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 230, 189) }
```

Border

The CSS property to change the border of an element to RGB 193, 230, 189 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(193, 230, 189) }
```

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

```
.border{ border-color:rgb(193, 230, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 230, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 230, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 230, 189);  
box-shadow:4px 4px 4px 4px rgb(193, 230,  
189) }
```

Background

The CSS property to change the background color of an element to RGB 193, 230, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 230, 189) }
```

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

```
.background{ background-color: rgb(193,  
230, 189) }
```

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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