

Converting Colors

RGB(193, 225, 171)

Have a look what the booklet for
RGB(193, 225, 171) contains.

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Color

RGB(193, 225, 171)

Conversions

Conversions Part 1

Format	Color
Hex	C1E1AB
RGB	193, 225, 171
RGB Percent	76%, 88%, 67%
CMY	0.2431, 0.1176, 0.3294
CMYK	0.14, 0.00, 0.24, 0.12
HSL	96°, 47%, 78%
HSV	96°, 24%, 88%
XYZ	56.2682, 68.1282, 48.7125
YIQ	209.2760, -1.7380, -23.5780

Conversions

Conversions Part 2

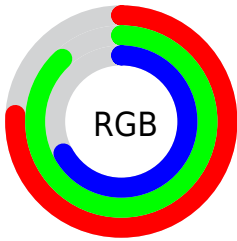
Format	Color
RYB	171, 225, 203
Decimal	12706219
CIELab	86.07, -20.12, 23.02
CIElCh	86, 30.576, 131.161
Yxy	68.1282, 0.3250, 0.3936
Android (android.graphics.Color)	4290896299 (0xFFC1E1AB)
YUV	209.2760, -18.8701, -14.2741
Hunter-Lab	82.5398, -22.7593, 22.7867

Details

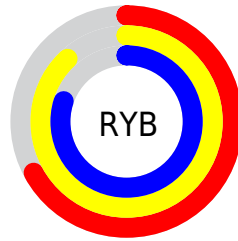
The RGB color **193, 225, 171** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **203, 171, 225**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **250, 255, 227**, and **139, 170, 118** is the 20% darker color. If you saturate the color by 10%, you get **180, 225, 148**, and if you desaturate by 10%, it is **206, 225, 194**.

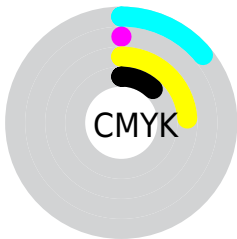
Distribution



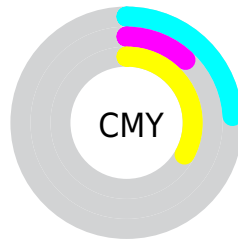
- Red (76%)
- Green (88%)
- Blue (67%)



- Red (67%)
- Yellow (88%)
- Blue (80%)



- Cyan (14%)
- Magenta (0%)
- Yellow (24%)
- Black (12%)



- Cyan (24%)
- Magenta (12%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 225, 171 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, 225, 171 by changing the saturation by 10% instead.

 193, 225, 171


255, 255, 255


 250, 255, 227

 193, 225, 171

 166, 197, 144

 139, 170, 118

 113, 143, 94

 88, 117, 70

 64, 93, 47

 40, 69, 25

 19, 46, 0

 0, 27, 0

 0, 0, 0

 193, 225, 171

 193, 225, 171

 180, 225, 148


 206, 225, 194

 166, 225, 126


 220, 225, 216

 153, 225, 103

 233, 225, 239


 140, 225, 81


 246, 225, 255

 126, 225, 59

 255, 225, 255

 113, 225, 36

 100, 225, 14

 92, 225, 0

Harmonies

Analogous

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



225, 217, 158



193, 225, 171



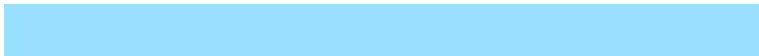
160, 230, 196

Triad

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



193, 225, 171



155, 223, 255



255, 194, 205

Complementary

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



193, 225, 171



203, 171, 225

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, 196, 235



193, 225, 171



195, 214, 255

Square

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



193, 225, 171



131, 229, 252



233, 204, 255



255, 199, 178

Rectangle

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



193, 225, 171



142, 232, 215



233, 204, 255



255, 194, 215

Sweetspot

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



193, 225, 171



244, 255, 237



225, 203, 171



121, 128, 117



0, 0, 0



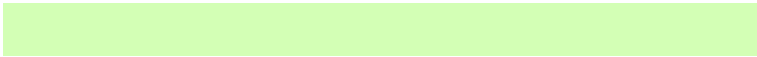
128, 128, 128

Same Dimension

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



193, 225, 171



211, 255, 181



171, 225, 175



106, 112, 101



72, 176, 0



20, 48, 0

Inverse Universe

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



203, 171, 225



225, 181, 255



225, 171, 221



108, 101, 112



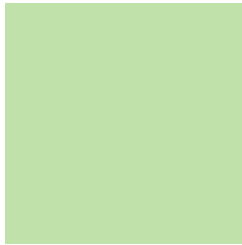
104, 0, 176



29, 0, 48

Previews

White Background



This preview shows how the RGB color 193, 225, 171 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, 225, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

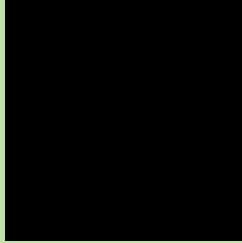
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

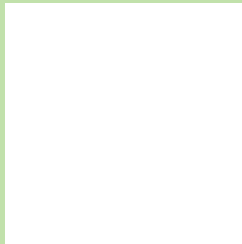
Any Text WCAG AAA ✓ Pass

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

RGB 193, 225, 171 Background



This preview shows how black text looks on a background with the RGB color 193, 225, 171.

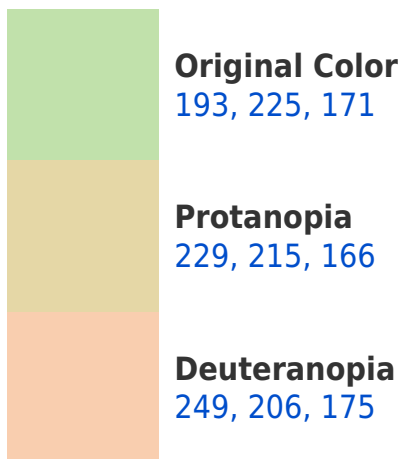


This preview shows how white text looks on a background with the RGB color 193, 225, 171.

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](#).

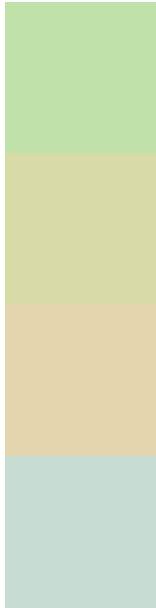
Dichromacy





Tritanopia
203, 217, 234

Trichromacy



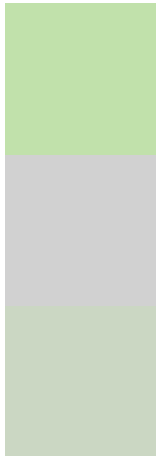
Original Color
193, 225, 171

Protanomaly
216, 219, 168

Deuteranomaly
229, 213, 174

Tritanomaly
199, 220, 211

Monochromacy



Original Color
193, 225, 171

Achromatopsia
209, 209, 209

Achromatomaly
203, 215, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 225, 171 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, 225, 171)` looks like.

```
.text, #text, p{  
    color:rgb(193, 225, 171)  
}
```

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, 225, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 225, 171) }
```

Border

The CSS property to change the border of an element to RGB 193, 225, 171 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, 225, 171) }
```

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

```
.border{ border-color:rgb(193, 225, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 225, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 225, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 225, 171);  
box-shadow:4px 4px 4px 4px rgb(193, 225,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 193, 225, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 225, 171) }
```

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

```
.background{ background-color: rgb(193,  
225, 171) }
```

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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