

Converting Colors

RGB(193, 237, 151)

Have a look what the booklet for
RGB(193, 237, 151) contains.

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Color

RGB(193, 237, 151)

Conversions

Conversions Part 1

Format	Color
Hex	C1ED97
RGB	193, 237, 151
RGB Percent	76%, 93%, 59%
CMY	0.2431, 0.0706, 0.4078
CMYK	0.19, 0.00, 0.36, 0.07
HSL	91°, 70%, 76%
HSV	91°, 36%, 93%
XYZ	57.8624, 74.1402, 40.5390
YIQ	214.0400, 1.3820, -36.0740

Conversions

Conversions Part 2

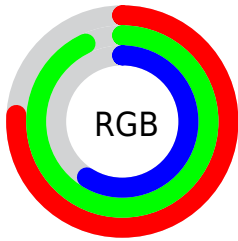
Format	Color
RYB	151, 237, 195
Decimal	12709271
CIELab	88.99, -28.77, 37.13
CIElCh	89, 46.979, 127.771
Yxy	74.1402, 0.3354, 0.4297
Android (android.graphics.Color)	4290899351 (0xFFC1ED97)
YUV	214.0400, -31.0787, -18.4521
Hunter-Lab	86.1047, -30.7311, 32.3590

Details

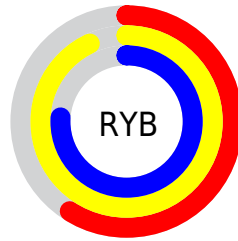
The RGB color **193, 237, 151** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **195, 151, 237**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **250, 255, 206**, and **138, 181, 99** is the 20% darker color. If you saturate the color by 10%, you get **181, 237, 127**, and if you desaturate by 10%, it is **205, 237, 175**.

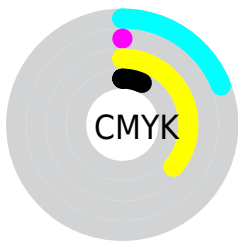
Distribution



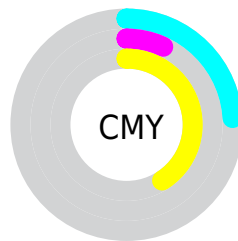
- Red (76%)
- Green (93%)
- Blue (59%)



- Red (59%)
- Yellow (93%)
- Blue (76%)



- Cyan (19%)
- Magenta (0%)
- Yellow (36%)
- Black (7%)



- Cyan (24%)
- Magenta (7%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 237, 151 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, 237, 151 by changing the saturation by 10% instead.

 193, 237, 151


255, 255, 255

 250, 255, 206

 255, 255, 235

 193, 237, 151

 165, 209, 125

 138, 181, 99

 112, 154, 74

 86, 128, 50

 60, 103, 25

 35, 78, 0


 9, 55, 0

 0, 34, 0

 0, 0, 0

 193, 237, 151

 193, 237, 151

 181, 237, 127


 205, 237, 175

 169, 237, 104

 217, 237, 198

 157, 237, 80

 229, 237, 222

 144, 237, 56


 242, 237, 246

 132, 237, 33

 254, 237, 255

 120, 237, 9

 255, 237, 255

 116, 237, 0

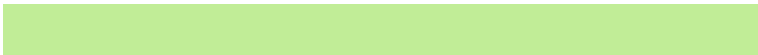
Harmonies

Analogous

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



242, 225, 133



193, 237, 151



137, 245, 188

Triad

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



193, 237, 151



96, 237, 255



255, 188, 213

Complementary

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



193, 237, 151



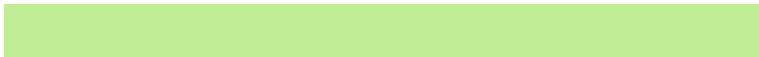
195, 151, 237

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, 193, 255



193, 237, 151



177, 224, 255

Square

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



193, 237, 151



0, 245, 255



244, 208, 255



255, 195, 171

Rectangle

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



193, 237, 151



95, 247, 218



244, 208, 255



255, 189, 229

Sweetspot

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



193, 237, 151



241, 255, 227



237, 194, 151



119, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



193, 237, 151



198, 255, 143



151, 237, 151



111, 117, 106



88, 181, 0



26, 54, 0

Inverse Universe

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



195, 151, 237



200, 143, 255



237, 151, 237



112, 106, 117



93, 0, 181



27, 0, 54

Previews

White Background



This preview shows how the RGB color 193, 237, 151 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, 237, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

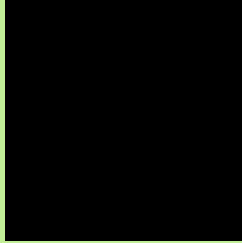
Any Text WCAG AA ✓ Pass

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, 237, 151 Background



This preview shows how black text looks on a background with the RGB color 193, 237, 151.

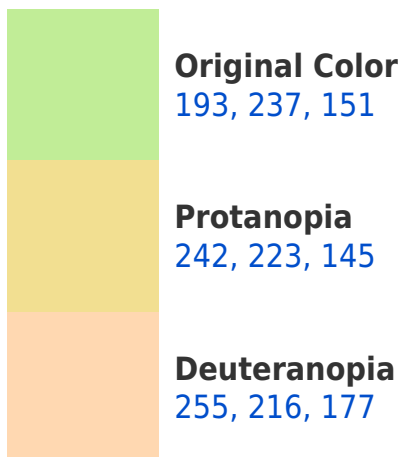


This preview shows how white text looks on a background with the RGB color 193, 237, 151.

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



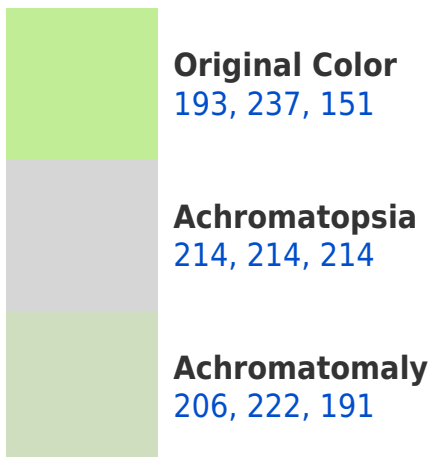


Tritanopia
207, 226, 244

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 237, 151 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, 237, 151)` looks like.

```
.text, #text, p{  
    color:rgb(193, 237, 151)  
}
```

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, 237, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 237, 151) }
```

Border

The CSS property to change the border of an element to RGB 193, 237, 151 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, 237, 151) }
```

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

```
.border{ border-color:rgb(193, 237, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 237, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 237, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 237, 151);  
box-shadow:4px 4px 4px 4px rgb(193, 237,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 193, 237, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 237, 151) }
```

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

```
.background{ background-color: rgb(193,  
237, 151) }
```

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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