

Converting Colors

RGB(171, 238, 150)

Have a look what the booklet for
RGB(171, 238, 150) contains.

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Color

RGB(171, 238, 150)

Conversions

Conversions Part 1

Format	Color
Hex	ABEE96
RGB	171, 238, 150
RGB Percent	67%, 93%, 59%
CMY	0.3294, 0.0667, 0.4118
CMYK	0.28, 0.00, 0.37, 0.07
HSL	106°, 72%, 76%
HSV	106°, 37%, 93%
XYZ	52.8741, 72.0090, 39.9665
YIQ	207.9350, -11.6840, -41.5720

Conversions

Conversions Part 2

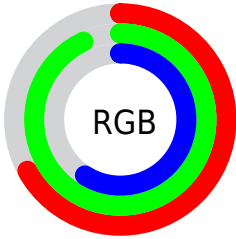
Format	Color
RYB	150, 238, 217
Decimal	11267734
CIELab	87.97, -36.94, 36.06
CIELCh	88, 51.626, 135.689
Yxy	72.0090, 0.3207, 0.4368
Android (android.graphics.Color)	4289457814 (0xFFABEE96)
YUV	207.9350, -28.5620, -32.3920
Hunter-Lab	84.8581, -37.2804, 31.4762

Details

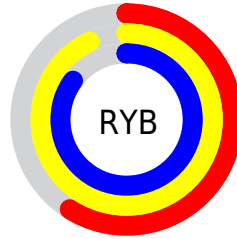
The RGB color **171, 238, 150** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **217, 150, 238**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **228, 255, 205**, and **116, 182, 98** is the 20% darker color. If you saturate the color by 10%, you get **153, 238, 126**, and if you desaturate by 10%, it is **189, 238, 174**.

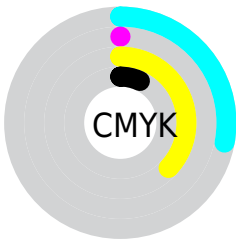
Distribution



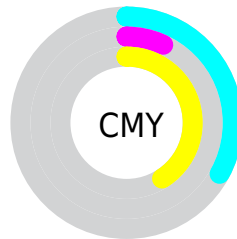
- Red (67%)
- Green (93%)
- Blue (59%)



- Red (59%)
- Yellow (93%)
- Blue (85%)



- Cyan (28%)
- Magenta (0%)
- Yellow (37%)
- Black (7%)



- Cyan (33%)
- Magenta (7%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 238, 150 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 171, 238, 150 by changing the saturation by 10% instead.

 171, 238, 150


255, 255, 255


 228, 255, 205


 255, 255, 233

 171, 238, 150

 143, 210, 124

 116, 182, 98

 90, 155, 73

 63, 128, 49

 36, 103, 24

 0, 78, 0

 0, 54, 0

 0, 35, 0

 0, 0, 0

■ 171, 238, 150

■ 171, 238, 150

■ 153, 238, 126

■ 189, 238, 174

■ 135, 238, 102

■ 207, 238, 198

■ 117, 238, 79

■ 225, 238, 221

■ 99, 238, 55

■ 243, 238, 245

■ 80, 238, 31

■ 255, 238, 255

■ 62, 238, 7

■ 57, 238, 0

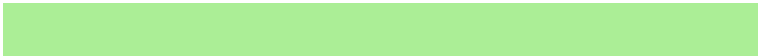
Harmonies

Analogous

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



226, 226, 124



171, 238, 150



103, 245, 195

Triad

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



171, 238, 150



93, 232, 255



255, 182, 197

Complementary

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



171, 238, 150



217, 150, 238

Split Complementary

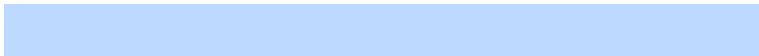
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 184, 246



171, 238, 150



189, 217, 255

Square

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



171, 238, 150



0, 243, 255



255, 198, 255



255, 193, 152

Rectangle

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



171, 238, 150



20, 247, 229



255, 198, 255



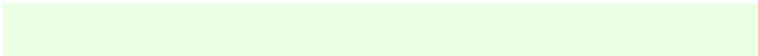
255, 181, 213

Sweetspot

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



171, 238, 150



234, 255, 227



238, 216, 150



115, 128, 111



0, 0, 0



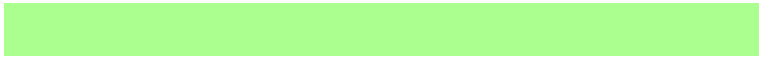
128, 128, 128

Same Dimension

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



171, 238, 150



170, 255, 143



150, 238, 172



111, 120, 108



44, 184, 0



13, 56, 0

Inverse Universe

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



217, 150, 238



228, 143, 255



238, 150, 216



117, 108, 120



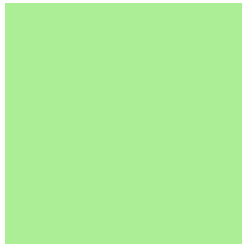
140, 0, 184



43, 0, 56

Previews

White Background



This preview shows how the RGB color 171, 238, 150 looks on a white background.

Color Contrast Check

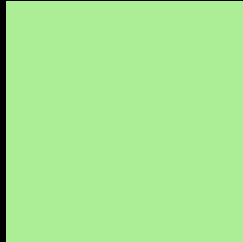
Large Text (above 18pt) WCAG AA × Fail

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 171, 238, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

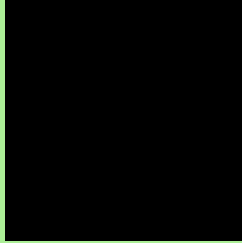
Any Text WCAG AA ✓ Pass

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 171, 238, 150 Background



This preview shows how black text looks on a background with the RGB color 171, 238, 150.

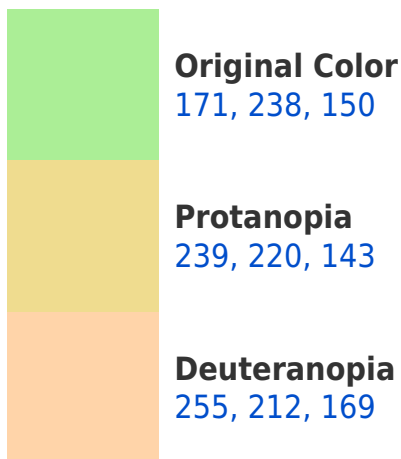


This preview shows how white text looks on a background with the RGB color 171, 238, 150.

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





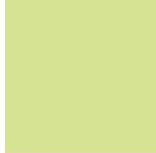
Tritanopia
187, 227, 245

Trichromacy



Original Color

171, 238, 150



Protanomaly

214, 227, 146



Deuteranomaly

224, 221, 162



Tritanomaly

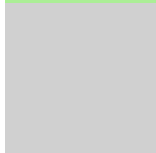
181, 231, 210

Monochromacy



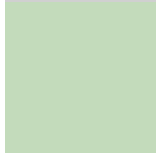
Original Color

171, 238, 150



Achromatopsia

208, 208, 208



Achromatomaly

195, 219, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 238, 150 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(171, 238, 150)` looks like.

```
.text, #text, p{  
    color:rgb(171, 238, 150)  
}
```

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(171, 238, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 238, 150) }
```

Border

The CSS property to change the border of an element to RGB 171, 238, 150 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(171, 238, 150) }
```

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

```
.border{ border-color:rgb(171, 238, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 238, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 238, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 238, 150);  
box-shadow:4px 4px 4px 4px rgb(171, 238,  
150) }
```

Background

The CSS property to change the background color of an element to RGB 171, 238, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 238, 150) }
```

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

```
.background{ background-color: rgb(171,  
238, 150) }
```

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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