

Converting Colors

RGB(170, 238, 159)

Have a look what the booklet for
RGB(170, 238, 159) contains.

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Color

RGB(170, 238, 159)

Conversions

Conversions Part 1

Format	Color
Hex	AAEE9F
RGB	170, 238, 159
RGB Percent	67%, 93%, 62%
CMY	0.3333, 0.0667, 0.3765
CMYK	0.29, 0.00, 0.33, 0.07
HSL	112°, 70%, 78%
HSV	112°, 33%, 93%
XYZ	53.4101, 72.1983, 43.9215
YIQ	208.6620, -15.1690, -38.9850

Conversions

Conversions Part 2

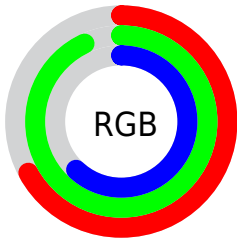
Format	Color
RYB	159, 238, 227
Decimal	11202207
CIELab	88.06, -35.95, 31.65
CIELCh	88, 47.893, 138.643
Yxy	72.1983, 0.3150, 0.4259
Android (android.graphics.Color)	4289392287 (0xFFAAEE9F)
YUV	208.6620, -24.4834, -33.9066
Hunter-Lab	84.9696, -36.4954, 28.8312

Details

The RGB color **170, 238, 159** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **227, 159, 238**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **227, 255, 214**, and **116, 182, 107** is the 20% darker color. If you saturate the color by 10%, you get **150, 238, 135**, and if you desaturate by 10%, it is **190, 238, 183**.

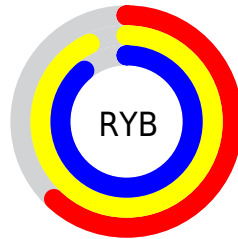
Distribution



Red (67%)

Green (93%)

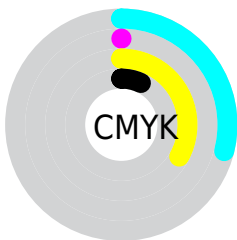
Blue (62%)



Red (62%)

Yellow (93%)

Blue (89%)

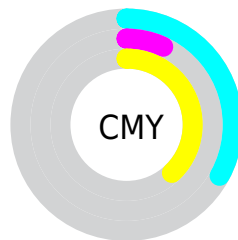


Cyan (29%)

Magenta (0%)

Yellow (33%)

Black (7%)



Cyan (33%)

Magenta (7%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 238, 159 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 170, 238, 159 by changing the saturation by 10% instead.

 170, 238, 159

255, 255, 255


 227, 255, 214


 255, 255, 243

 170, 238, 159

 142, 210, 132

 116, 182, 107

 89, 155, 82

 63, 128, 58

 35, 103, 34

 0, 78, 10

 0, 54, 0

 0, 35, 0

 0, 0, 0


 170, 238, 159

 170, 238, 159

 150, 238, 135

 190, 238, 183

 129, 238, 111

 211, 238, 207

 109, 238, 88

 231, 238, 230

 88, 238, 64

 252, 238, 254

 68, 238, 40

 255, 238, 255

 47, 238, 16

 33, 238, 0

Harmonies

Analogous

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



222, 227, 133



170, 238, 159



109, 244, 201

Triad

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



170, 238, 159



120, 231, 255



255, 186, 194

Complementary

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



170, 238, 159



227, 159, 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, 187, 240



170, 238, 159



200, 216, 255

Square

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



170, 238, 159



0, 241, 255



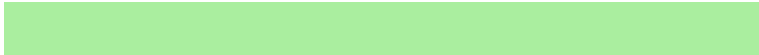
255, 199, 255



255, 197, 154

Rectangle

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



170, 238, 159



57, 245, 233



255, 199, 255



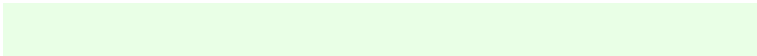
255, 185, 209

Sweetspot

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



170, 238, 159



233, 255, 230



238, 226, 159



114, 128, 112



0, 0, 0



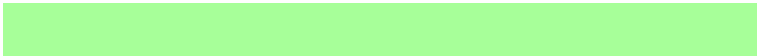
128, 128, 128

Same Dimension

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



170, 238, 159



167, 255, 153



159, 238, 187



110, 120, 108



26, 184, 0



8, 56, 0

Inverse Universe

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



227, 159, 238



241, 153, 255



238, 159, 210



118, 108, 120



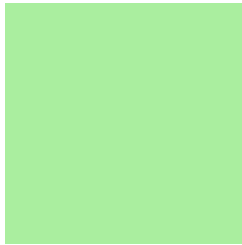
158, 0, 184



48, 0, 56

Previews

White Background



This preview shows how the RGB color 170, 238, 159 looks on a white background.

Color Contrast Check

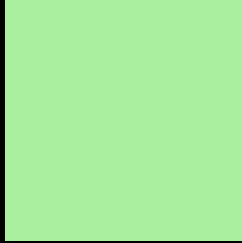
Large Text (above 18pt) WCAG AA × Fail

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 170, 238, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

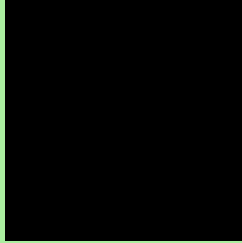
Any Text WCAG AA ✓ Pass

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 170, 238, 159 Background



This preview shows how black text looks on a background with the RGB color 170, 238, 159.

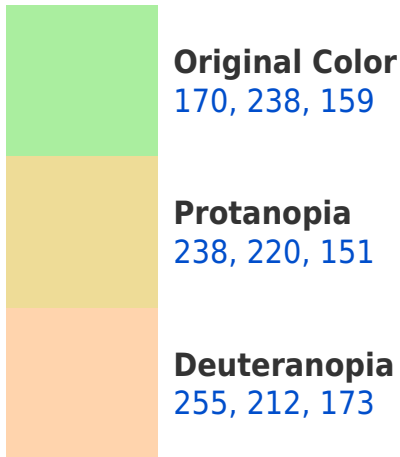


This preview shows how white text looks on a background with the RGB color 170, 238, 159.

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





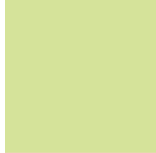
Tritanopia
185, 227, 245

Trichromacy



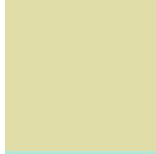
Original Color

170, 238, 159



Protanomaly

213, 227, 154



Deuteranomaly

224, 221, 168



Tritanomaly

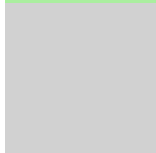
180, 231, 214

Monochromacy



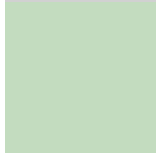
Original Color

170, 238, 159



Achromatopsia

209, 209, 209



Achromatomaly

195, 220, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 238, 159 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(170, 238, 159)` looks like.

```
.text, #text, p{  
    color:rgb(170, 238, 159)  
}
```

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(170, 238, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 238, 159) }
```

Border

The CSS property to change the border of an element to RGB 170, 238, 159 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(170, 238, 159) }
```

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

```
.border{ border-color:rgb(170, 238, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 238, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 238, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 238, 159); box-shadow:4px 4px 4px 4px rgb(170, 238, 159) }
```

Background

The CSS property to change the background color of an element to RGB 170, 238, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 238, 159) }
```

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

```
.background{ background-color: rgb(170,  
238, 159) }
```

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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