

Converting Colors

RGB(170, 224, 201)

Have a look what the booklet for
RGB(170, 224, 201) contains.

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Color

RGB(170, 224, 201)

Conversions

Conversions Part 1

Format	Color
Hex	AAE0C9
RGB	170, 224, 201
RGB Percent	67%, 88%, 79%
CMY	0.3333, 0.1216, 0.2118
CMYK	0.24, 0.00, 0.10, 0.12
HSL	154°, 47%, 77%
HSV	154°, 24%, 88%
XYZ	53.7758, 66.0744, 65.1777
YIQ	205.2320, -24.8010, -18.6010

Conversions

Conversions Part 2

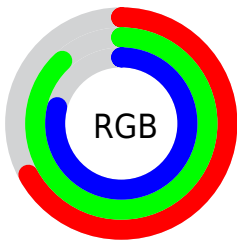
Format	Color
RYB	170, 204, 224
Decimal	11198665
CIELab	85.03, -21.95, 5.64
CIELCh	85, 22.664, 165.586
Yxy	66.0744, 0.2906, 0.3571
Android (android.graphics.Color)	4289388745 (0xFFAAE0C9)
YUV	205.2320, -2.0864, -30.8985
Hunter-Lab	81.2862, -24.1620, 9.3598

Details

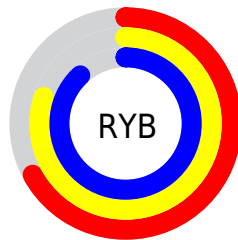
The RGB color **170, 224, 201** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **224, 170, 193**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **226, 255, 255**, and **117, 169, 147** is the 20% darker color. If you saturate the color by 10%, you get **148, 224, 191**, and if you desaturate by 10%, it is **192, 224, 211**.

Distribution



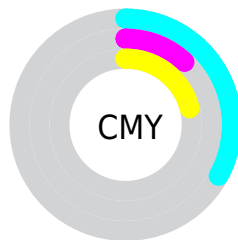
- Red (67%)
- Green (88%)
- Blue (79%)



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



- Cyan (24%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)



- Cyan (33%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 224, 201 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, 224, 201 by changing the saturation by 10% instead.


 170, 224, 201


255, 255, 255

 226, 255, 255


 170, 224, 201

 143, 196, 174

 117, 169, 147


 91, 142, 121

 66, 116, 97

 41, 91, 73

 15, 68, 50

 0, 45, 29

 0, 26, 4

 0, 0, 0

 170, 224, 201

 170, 224, 201

 148, 224, 191

 192, 224, 211

 125, 224, 182

 215, 224, 220

 103, 224, 172

 237, 224, 230

 80, 224, 163

 255, 224, 239

 58, 224, 153

 255, 224, 249

 36, 224, 144

 255, 224, 255

 13, 224, 134

 0, 224, 129

Harmonies

Analogous

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



193, 220, 182



170, 224, 201



156, 225, 223

Triad

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



170, 224, 201



203, 210, 253



253, 201, 183

Complementary

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



170, 224, 201



224, 170, 193

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, 198, 202



170, 224, 201



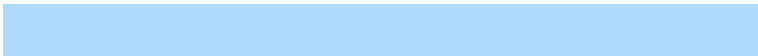
230, 203, 242

Square

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



170, 224, 201



175, 217, 253



249, 198, 224



239, 207, 171

Rectangle

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



170, 224, 201



154, 224, 236



249, 198, 224



255, 199, 188

Sweetspot

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



170, 224, 201



237, 255, 247



193, 224, 170



117, 128, 123



0, 0, 0



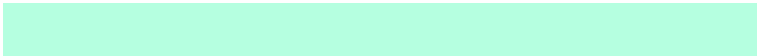
128, 128, 128

Same Dimension

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



170, 224, 201



181, 255, 224



170, 220, 224



101, 112, 107



0, 176, 101



0, 48, 28

Inverse Universe

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



224, 170, 193



255, 181, 213



224, 174, 170



112, 101, 106



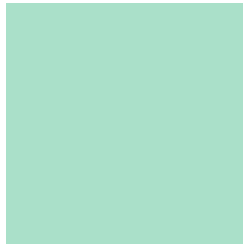
176, 0, 75



48, 0, 21

Previews

White Background



This preview shows how the RGB color 170, 224, 201 looks on a white background.

Color Contrast Check

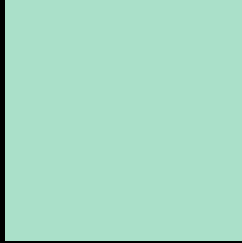
Large Text (above 18pt) WCAG AA × Fail

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, 224, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

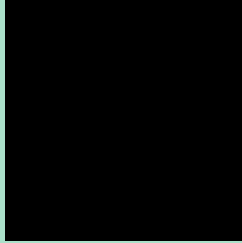
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

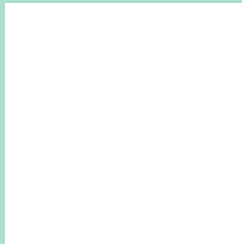
Any Text WCAG AAA ✓ Pass

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

RGB 170, 224, 201 Background



This preview shows how black text looks on a background with the RGB color 170, 224, 201.

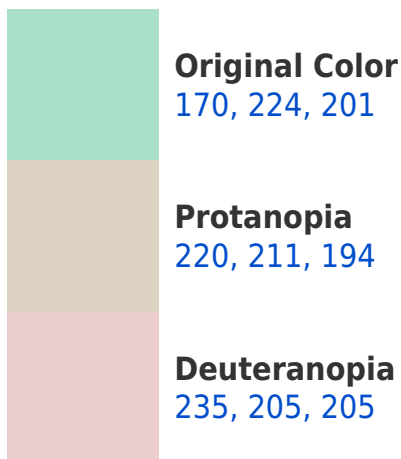


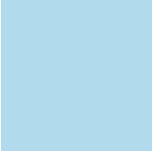
This preview shows how white text looks on a background with the RGB color 170, 224, 201.

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





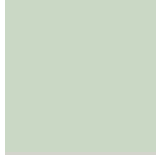
Tritanopia
177, 219, 236

Trichromacy



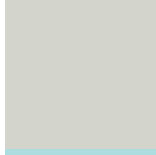
Original Color

170, 224, 201



Protanomaly

202, 216, 197



Deuteranomaly

211, 212, 204



Tritanomaly

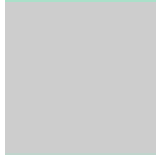
174, 221, 223

Monochromacy



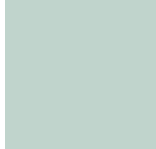
Original Color

170, 224, 201



Achromatopsia

205, 205, 205



Achromatomaly

192, 212, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 224, 201 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, 224, 201)` looks like.

```
.text, #text, p{  
    color:rgb(170, 224, 201)  
}
```

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, 224, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 224, 201) }
```

Border

The CSS property to change the border of an element to RGB 170, 224, 201 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, 224, 201) }
```

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

```
.border{ border-color:rgb(170, 224, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 224, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 224, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 224, 201);  
box-shadow:4px 4px 4px 4px rgb(170, 224,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 170, 224, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 224, 201) }
```

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

```
.background{ background-color: rgb(170,  
224, 201) }
```

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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