

# Converting Colors

RGB(170, 234, 203)

Have a look what the booklet for  
RGB(170, 234, 203) contains.

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# **Color**

**RGB(170, 234, 203)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAEACB
RGB	170, 234, 203
RGB Percent	67%, 92%, 80%
CMY	0.3333, 0.0824, 0.2039
CMYK	0.27, 0.00, 0.13, 0.08
HSL	151°, 60%, 79%
HSV	151°, 27%, 92%
XYZ	56.7799, 71.7035, 67.3475
YIQ	211.3300, -28.1930, -23.2090

# Conversions

## Conversions Part 2

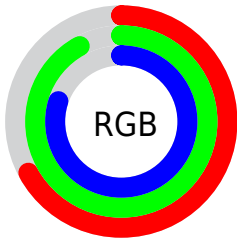
Format	Color
<a href="#">RYB</a>	<a href="#">170, 212, 234</a>
Decimal	<a href="#">11201227</a>
CIELab	<a href="#">87.83, -26.42, 8.60</a>
CIElCh	<a href="#">88, 27.787, 161.962</a>
Yxy	<a href="#">71.7035, 0.2899, 0.3662</a>
Android (android.graphics.Color)	<a href="#">4289391307 (0xFFAAEACB)</a>
YUV	<a href="#">211.3300, -4.1067, -36.2464</a>
Hunter-Lab	<a href="#">84.6779, -28.4951, 12.1190</a>

# Details

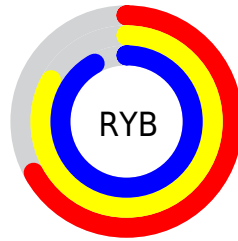
The RGB color **170, 234, 203** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **234, 170, 201**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **226, 255, 255**, and **116, 178, 149** is the 20% darker color. If you saturate the color by 10%, you get **147, 234, 192**, and if you desaturate by 10%, it is **193, 234, 214**.

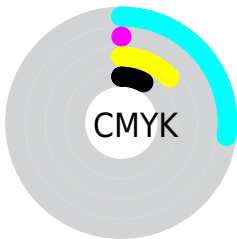
# Distribution



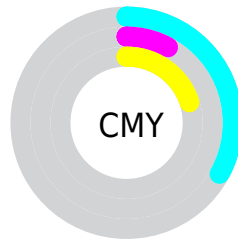
- Red (67%)
- Green (92%)
- Blue (80%)



- Red (67%)
- Yellow (83%)
- Blue (92%)



- Cyan (27%)
- Magenta (0%)
- Yellow (13%)
- Black (8%)



- Cyan (33%)
- Magenta (8%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 170, 234, 203 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, 234, 203 by changing the saturation by 10% instead.



 170, 234, 203


255, 255, 255

 226, 255, 255

 170, 234, 203

 143, 206, 176

 116, 178, 149

 90, 151, 123

 65, 125, 98

 39, 100, 74

 8, 75, 52

 0, 52, 31

 0, 32, 6

 0, 0, 0

 170, 234, 203

 170, 234, 203

 147, 234, 192

 193, 234, 214

 123, 234, 180

 217, 234, 226

 100, 234, 169

 240, 234, 237

 76, 234, 158

 255, 234, 248

 53, 234, 146

 255, 234, 255

 30, 234, 135

 6, 234, 124

 0, 234, 121

# Harmonies

## Analogous

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



199, 229, 180



170, 234, 203



149, 235, 230

# Triad

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



170, 234, 203



203, 219, 255



255, 205, 186

# Complementary

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



170, 234, 203



234, 170, 201

# 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, 201, 210



170, 234, 203



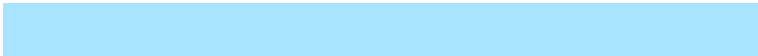
238, 210, 255

# Square

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



170, 234, 203



168, 227, 255



255, 203, 237



254, 213, 171

# Rectangle

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



170, 234, 203



145, 234, 247



255, 203, 237



255, 203, 193



# Sweetspot

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



170, 234, 203



235, 255, 245



202, 234, 170



115, 128, 121



0, 0, 0



128, 128, 128

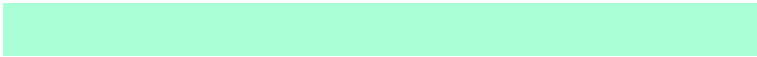


# Same Dimension

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



170, 234, 203



171, 255, 214



170, 234, 234



106, 117, 112



0, 181, 93



0, 54, 28



# Inverse Universe

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



234, 170, 201



255, 171, 212



234, 170, 170



117, 106, 111



181, 0, 88

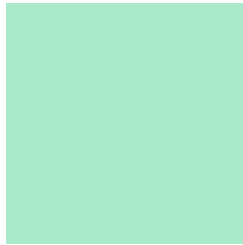


54, 0, 26



# Previews

## White Background



This preview shows how the RGB color 170, 234, 203 looks on a white background.

## Color Contrast Check

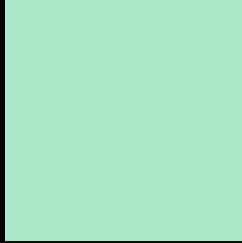
Large Text (above 18pt) WCAG AA × Fail

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, 234, 203 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

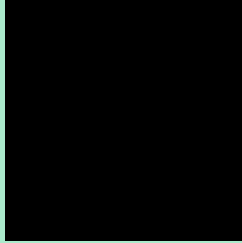
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

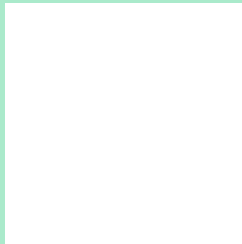
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 170, 234, 203 Background



This preview shows how black text looks on a background with the RGB color 170, 234, 203.

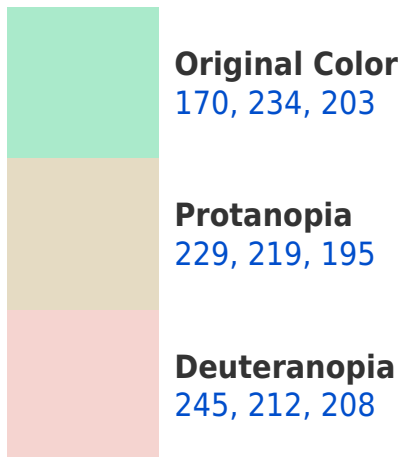


This preview shows how white text looks on a background with the RGB color 170, 234, 203.

# 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





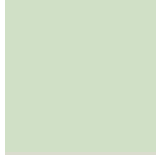
**Tritanopia**  
179, 228, 246

# Trichromacy



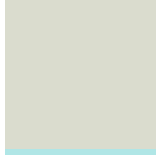
**Original Color**

170, 234, 203



**Protanomaly**

208, 224, 198



**Deuteranomaly**

218, 220, 206



**Tritanomaly**

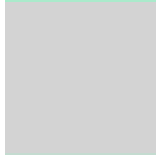
176, 230, 230

# Monochromacy



**Original Color**

170, 234, 203



**Achromatopsia**

211, 211, 211



**Achromatomaly**

196, 219, 208

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 170, 234, 203 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, 234, 203)` looks like.

```
.text, #text, p{  
    color:rgb(170, 234, 203)  
}
```

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, 234, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 234, 203) }
```

## Border

The CSS property to change the border of an element to RGB 170, 234, 203 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, 234, 203) }
```

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

```
.border{ border-color:rgb(170, 234, 203) }
```

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

Here you see how a box with a 4 pixel rgb(170, 234, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 234, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 234, 203);  
box-shadow:4px 4px 4px 4px rgb(170, 234,  
203) }
```

# Background

The CSS property to change the background color of an element to RGB 170, 234, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 234, 203) }
```

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

```
.background{ background-color: rgb(170,  
234, 203) }
```

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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