

Converting Colors

RGB(174, 230, 209)

Have a look what the booklet for
RGB(174, 230, 209) contains.

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Color

RGB(174, 230, 209)

Conversions

Conversions Part 1

Format	Color
Hex	AEE6D1
RGB	174, 230, 209
RGB Percent	68%, 90%, 82%
CMY	0.3176, 0.0980, 0.1804
CMYK	0.24, 0.00, 0.09, 0.10
HSL	158°, 53%, 79%
HSV	158°, 24%, 90%
XYZ	57.2610, 70.1957, 70.8528
YIQ	210.8620, -26.6350, -18.4030

Conversions

Conversions Part 2

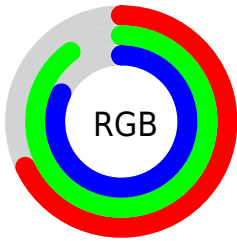
Format	Color
RYB	174, 208, 230
Decimal	11462353
CIELab	87.09, -22.08, 4.43
CIELCh	87, 22.517, 168.643
Yxy	70.1957, 0.2887, 0.3540
Android (android.graphics.Color)	4289652433 (0xFFAEE6D1)
YUV	210.8620, -0.9180, -32.3280
Hunter-Lab	83.7829, -24.6252, 8.5082

Details

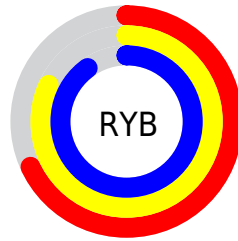
The RGB color **174, 230, 209** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **230, 174, 195**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **230, 255, 255**, and **120, 174, 155** is the 20% darker color. If you saturate the color by 10%, you get **151, 230, 200**, and if you desaturate by 10%, it is **197, 230, 218**.

Distribution



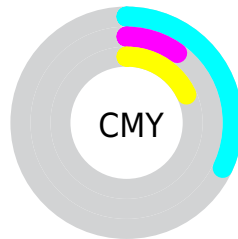
- Red (68%)
- Green (90%)
- Blue (82%)



- Red (68%)
- Yellow (82%)
- Blue (90%)



- Cyan (24%)
- Magenta (0%)
- Yellow (9%)
- Black (10%)



- Cyan (32%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 174, 230, 209 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 174, 230, 209 by changing the saturation by 10% instead.


 174, 230, 209


255, 255, 255


 230, 255, 255

 174, 230, 209

 147, 202, 181

 120, 174, 155

 94, 148, 129

 69, 122, 104

 44, 97, 80

 18, 73, 57


 0, 50, 35

 0, 30, 14

 0, 0, 0

 174, 230, 209

 174, 230, 209

 151, 230, 200

 197, 230, 218

 128, 230, 192

 220, 230, 226

 105, 230, 183

 243, 230, 235

 82, 230, 175

 255, 230, 244

 59, 230, 166

 255, 230, 252

 36, 230, 157

 255, 230, 255

 13, 230, 149

 0, 230, 144

Harmonies

Analogous

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



196, 227, 189



174, 230, 209



161, 230, 231

Triad

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



174, 230, 209



211, 215, 255



255, 207, 187

Complementary

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



174, 230, 209



230, 174, 195

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, 204, 205



174, 230, 209



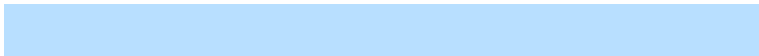
238, 208, 247

Square

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



174, 230, 209



184, 223, 255



255, 204, 227



243, 214, 177

Rectangle

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



174, 230, 209



161, 229, 244



255, 204, 227



255, 206, 192

Sweetspot

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



174, 230, 209



237, 255, 248



195, 230, 174



117, 128, 124



0, 0, 0



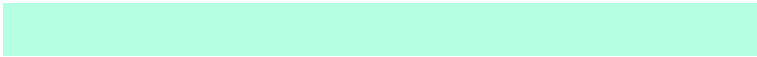
128, 128, 128

Same Dimension

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



174, 230, 209



181, 255, 227



174, 223, 230



103, 115, 110



0, 179, 112



0, 51, 32

Inverse Universe

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



230, 174, 195



255, 181, 209



230, 181, 174



115, 103, 108



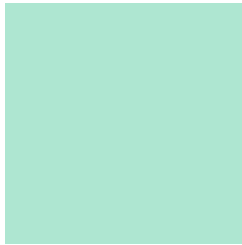
179, 0, 67



51, 0, 19

Previews

White Background



This preview shows how the RGB color 174, 230, 209 looks on a white background.

Color Contrast Check

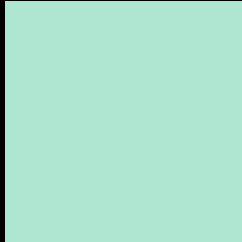
Large Text (above 18pt) WCAG AA × Fail

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 174, 230, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

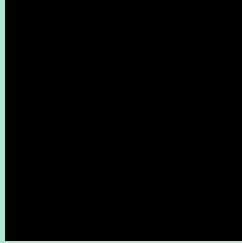
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

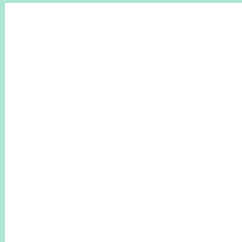
Any Text WCAG AAA ✓ Pass

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

RGB 174, 230, 209 Background



This preview shows how black text looks on a background with the RGB color 174, 230, 209.

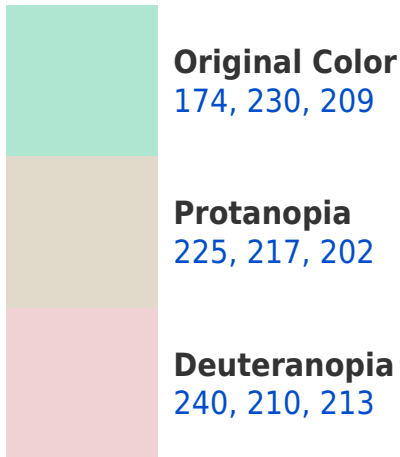


This preview shows how white text looks on a background with the RGB color 174, 230, 209.

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





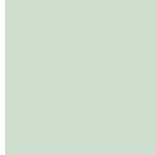
Tritanopia
181, 225, 243

Trichromacy



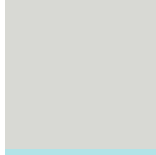
Original Color

174, 230, 209



Protanomaly

206, 222, 205



Deuteranomaly

216, 217, 212



Tritanomaly

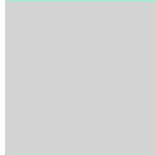
178, 227, 231

Monochromacy



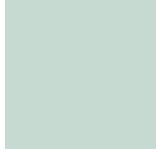
Original Color

174, 230, 209



Achromatopsia

211, 211, 211



Achromatomaly

198, 218, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 230, 209 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(174, 230, 209)` looks like.

```
.text, #text, p{  
    color:rgb(174, 230, 209)  
}
```

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(174, 230, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 230, 209) }
```

Border

The CSS property to change the border of an element to RGB 174, 230, 209 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(174, 230, 209) }
```

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

```
.border{ border-color:rgb(174, 230, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 230, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 230, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 230, 209);  
box-shadow:4px 4px 4px 4px rgb(174, 230,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 174, 230, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 230, 209) }
```

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

```
.background{ background-color: rgb(174,  
230, 209) }
```

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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