

# Converting Colors

RGB(173, 230, 217)

Have a look what the booklet for  
RGB(173, 230, 217) contains.

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# **Color**

**RGB(173, 230, 217)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADE6D9
RGB	173, 230, 217
RGB Percent	68%, 90%, 85%
CMY	0.3216, 0.0980, 0.1490
CMYK	0.25, 0.00, 0.06, 0.10
HSL	166°, 53%, 79%
HSV	166°, 25%, 90%
XYZ	58.0548, 70.4876, 76.1913
YIQ	211.4750, -29.7990, -16.1270

# Conversions

## Conversions Part 2

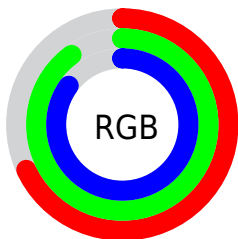
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	173, 205, 230
Decimal	11396825
CIE Lab	87.24, -20.75, 0.43
CIE LCh	87, 20.753, 178.807
Yxy	70.4876, 0.2836, 0.3443
Android (android.graphics.Color)	4289586905 (0xFFFADE6D9)
YUV	211.4750, 2.7238, -33.7426
Hunter-Lab	83.9569, -23.4949, 4.9639

# Details

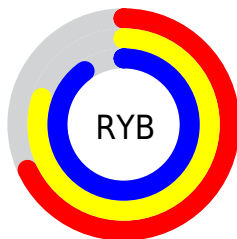
The RGB color **173, 230, 217** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **230, 173, 186**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **229, 255, 255**, and **119, 174, 162** is the 20% darker color. If you saturate the color by 10%, you get **150, 230, 212**, and if you desaturate by 10%, it is **196, 230, 222**.

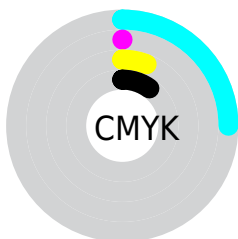
# Distribution



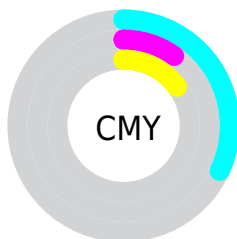
- Red (68%)
- Green (90%)
- Blue (85%)



- Red (68%)
- Yellow (80%)
- Blue (90%)



- Cyan (25%)
- Magenta (0%)
- Yellow (6%)
- Black (10%)



- Cyan (32%)
- Magenta (10%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 173, 230, 217 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 173, 230, 217 by changing the saturation by 10% instead.



 173, 230, 217


255, 255, 255


 229, 255, 255


 173, 230, 217

 146, 202, 189

 119, 174, 162


 93, 148, 136

 68, 122, 111

 43, 97, 86

 15, 73, 63

 0, 50, 41

 0, 30, 21

 0, 0, 0

 173, 230, 217

 173, 230, 217

 150, 230, 212

 196, 230, 222

 127, 230, 207

 219, 230, 227

 104, 230, 201

 242, 230, 233

 81, 230, 196

 255, 230, 238

 58, 230, 191

 255, 230, 243

 35, 230, 186

 255, 230, 248

 12, 230, 180

 255, 230, 254

 0, 230, 178

 255, 230, 255

# Harmonies

## Analogous

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



191, 228, 198



173, 230, 217



166, 229, 237

# Triad

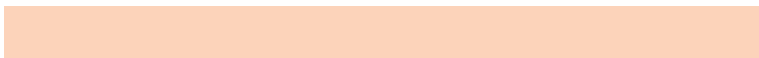
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



173, 230, 217



221, 214, 253



252, 211, 186

# Complementary

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



173, 230, 217



230, 173, 186

# 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, 206, 200



173, 230, 217



244, 208, 239

# Square

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



173, 230, 217



195, 220, 255



255, 205, 220



235, 217, 179

# Rectangle

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



173, 230, 217



170, 228, 247



255, 205, 220



255, 209, 190



# Sweetspot

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



173, 230, 217



237, 255, 251



186, 230, 173



117, 128, 125



0, 0, 0



128, 128, 128



# Same Dimension

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



173, 230, 217



179, 255, 238



173, 215, 230



103, 115, 112



0, 179, 138



0, 51, 39



# Inverse Universe

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



230, 173, 186



255, 179, 196



230, 188, 173



115, 103, 106



179, 0, 41

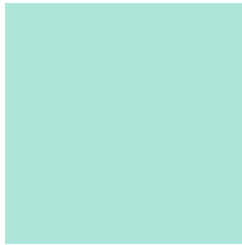


51, 0, 12



# Previews

## White Background



This preview shows how the RGB color 173, 230, 217 looks on a white background.

## Color Contrast Check

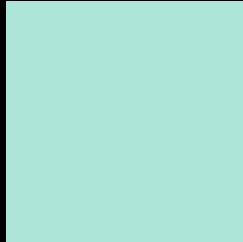
Large Text (above 18pt) WCAG AA × Fail

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 173, 230, 217 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

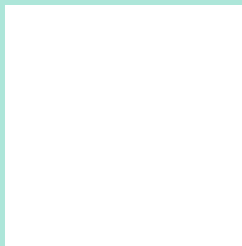
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 173, 230, 217 Background



This preview shows how black text looks on a background with the RGB color 173, 230, 217.



This preview shows how white text looks on a background with the RGB color 173, 230, 217.

# 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





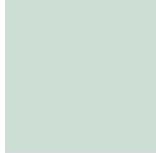
**Tritanopia**  
179, 226, 244

# Trichromacy



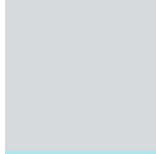
**Original Color**

173, 230, 217



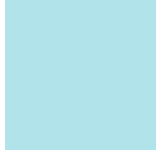
**Protanomaly**

205, 222, 213



**Deuteranomaly**

214, 218, 220



**Tritanomaly**

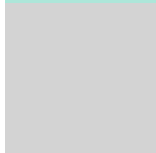
177, 227, 234

# Monochromacy



**Original Color**

173, 230, 217



**Achromatopsia**

211, 211, 211



**Achromatomaly**

197, 218, 213

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 173, 230, 217 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(173, 230, 217)` looks like.

```
.text, #text, p{  
    color:rgb(173, 230, 217)  
}
```

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(173, 230, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 230, 217) }
```

## Border

The CSS property to change the border of an element to RGB 173, 230, 217 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(173, 230, 217) }
```

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

```
.border{ border-color:rgb(173, 230, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 230, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 230, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 230, 217);  
box-shadow:4px 4px 4px 4px rgb(173, 230,  
217) }
```

# Background

The CSS property to change the background color of an element to RGB 173, 230, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 230, 217) }
```

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

```
.background{ background-color: rgb(173,  
230, 217) }
```

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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