

# Converting Colors

RGB(173, 229, 241)

Have a look what the booklet for  
RGB(173, 229, 241) contains.

<b>RGB(173, 229, 241)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(173, 229, 241)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADE5F1
RGB	173, 229, 241
RGB Percent	68%, 90%, 95%
CMY	0.3216, 0.1020, 0.0549
CMYK	0.28, 0.05, 0.00, 0.05
HSL	191°, 71%, 81%
HSV	191°, 28%, 95%
XYZ	61.1301, 71.2737, 93.7544
YIQ	213.6240, -37.2280, -8.1400

# Conversions

## Conversions Part 2

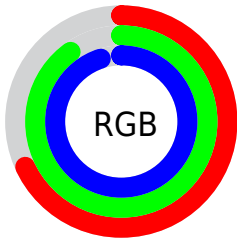
<b>Format</b>	<b>Color</b>
<b>RYB</b>	173, 204, 241
Decimal	11396593
CIELab	87.62, -15.03, -11.62
CIELCh	88, 19.002, 217.700
Yxy	71.2737, 0.2703, 0.3151
Android (android.graphics.Color)	4289586673 (0xFFADE5F1)
YUV	213.6240, 13.4964, -35.6272
Hunter-Lab	84.4238, -18.4922, -6.7462

# Details

The RGB color **173, 229, 241** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **241, 185, 173**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **230, 255, 255**, and **119, 173, 185** is the 20% darker color. If you saturate the color by 10%, you get **149, 225, 241**, and if you desaturate by 10%, it is **197, 233, 241**.

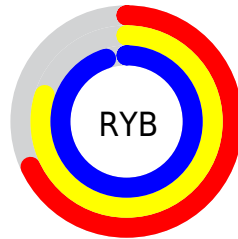
# Distribution



Red (68%)

Green (90%)

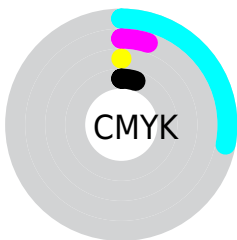
Blue (95%)



Red (68%)

Yellow (80%)

Blue (95%)

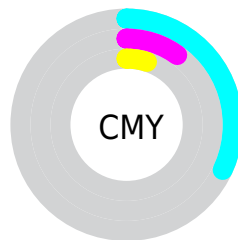


Cyan (28%)

Magenta (5%)

Yellow (0%)

Black (5%)



Cyan (32%)

Magenta (10%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 173, 229, 241 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, 229, 241 by changing the saturation by 10% instead.



■ 173, 229, 241

255, 255, 255

■ 230, 255, 255

■ 173, 229, 241

■ 145, 201, 213

■ 119, 173, 185

■ 92, 147, 158

■ 66, 121, 132

■ 39, 96, 107

■ 5, 72, 83

■ 0, 50, 59

■ 0, 29, 38

■ 0, 1, 17


 173, 229, 241

 173, 229, 241

 149, 225, 241

 197, 233, 241

 125, 220, 241

 221, 238, 241

 101, 216, 241

 245, 242, 241

 77, 212, 241

 255, 246, 241

 52, 208, 241

 255, 250, 241

 28, 203, 241

 255, 255, 241

 4, 199, 241

 255, 255, 241

 0, 198, 241

# Harmonies

## Analogous

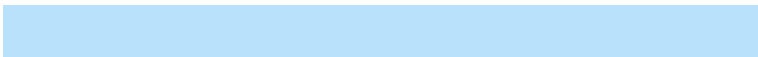
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



175, 230, 224



173, 229, 241



185, 225, 252

# Triad

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



173, 229, 241



247, 209, 234



229, 220, 184

# Complementary

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



173, 229, 241



241, 185, 173

# 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.



246, 214, 187



173, 229, 241



255, 207, 215

# Square

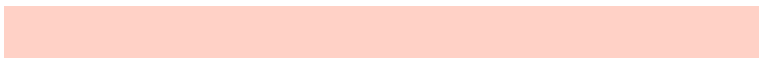
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



173, 229, 241



229, 214, 248



255, 209, 198



209, 225, 191

# Rectangle

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



173, 229, 241



198, 222, 255



255, 209, 198



235, 218, 184

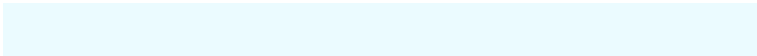


# Sweetspot

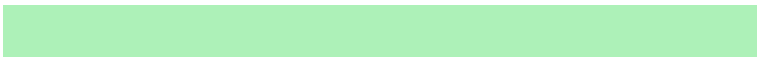
The Sweet Spot groups the original color and five complimentary colors.



173, 229, 241



235, 251, 255



173, 241, 184



115, 125, 128



0, 0, 0



128, 128, 128

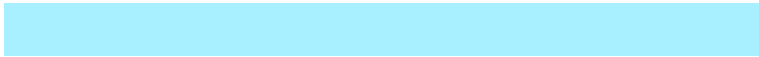


# Same Dimension

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



173, 229, 241



168, 240, 255



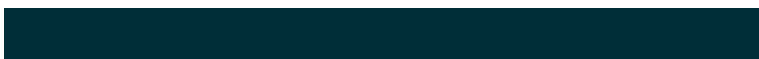
173, 196, 241



108, 118, 120



0, 151, 184



0, 46, 56



# Inverse Universe

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



241, 173, 229



255, 168, 240



241, 218, 173



120, 108, 118



184, 0, 151

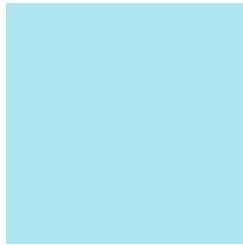


56, 0, 46



# Previews

## White Background



This preview shows how the RGB color 173, 229, 241 looks on a white background.

## Color Contrast Check

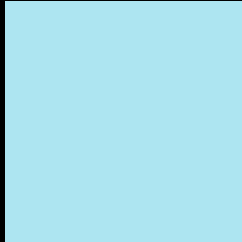
Large Text (above 18pt) WCAG AA × Fail

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, 229, 241 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

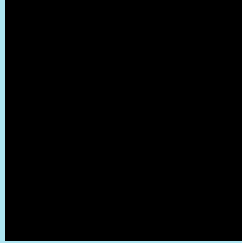
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 173, 229, 241 Background



This preview shows how black text looks on a background with the RGB color 173, 229, 241.



This preview shows how white text looks on a background with the RGB color 173, 229, 241.

# 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



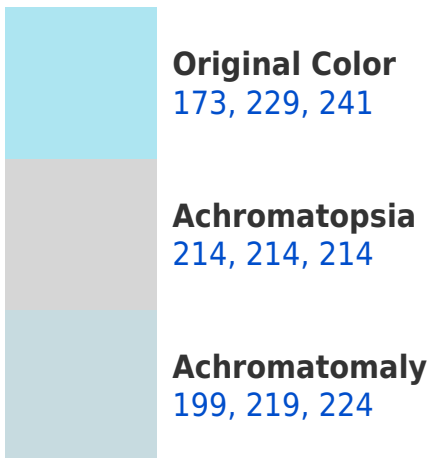


**Tritanopia**  
174, 228, 246

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to RGB 173, 229, 241 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, 229, 241)` looks like.

```
.text, #text, p{  
    color:rgb(173, 229, 241)  
}
```

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, 229, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 229, 241) }
```

## Border

The CSS property to change the border of an element to RGB 173, 229, 241 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, 229, 241) }
```

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

```
.border{ border-color:rgb(173, 229, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 229, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 229, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 229, 241);  
box-shadow:4px 4px 4px 4px rgb(173, 229,  
241) }
```

# Background

The CSS property to change the background color of an element to RGB 173, 229, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 229, 241) }
```

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

```
.background{ background-color: rgb(173,  
229, 241) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor