

Converting Colors

RGB(173, 239, 231)

Have a look what the booklet for
RGB(173, 239, 231) contains.

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Color

RGB(173, 239, 231)

Conversions

Conversions Part 1

Format	Color
Hex	ADEFE7
RGB	173, 239, 231
RGB Percent	68%, 94%, 91%
CMY	0.3216, 0.0627, 0.0941
CMYK	0.28, 0.00, 0.03, 0.06
HSL	173°, 67%, 81%
HSV	173°, 28%, 94%
XYZ	62.5239, 76.3868, 87.0501
YIQ	218.3540, -36.7680, -16.4800

Conversions

Conversions Part 2

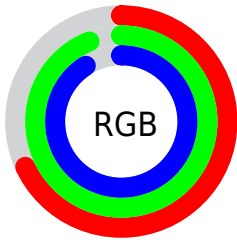
Format	Color
RYB	173, 208, 239
Decimal	11399143
CIELab	90.04, -22.21, -2.80
CIELCh	90, 22.389, 187.180
Yxy	76.3868, 0.2767, 0.3381
Android (android.graphics.Color)	4289589223 (0xFFADEFE7)
YUV	218.3540, 6.2345, -39.7755
Hunter-Lab	87.3995, -25.2538, 2.1267

Details

The RGB color **173, 239, 231** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **239, 173, 181**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **230, 255, 255**, and **118, 183, 175** is the 20% darker color. If you saturate the color by 10%, you get **149, 239, 228**, and if you desaturate by 10%, it is **197, 239, 234**.

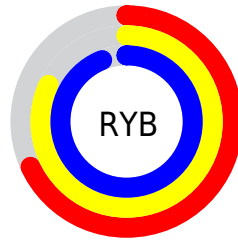
Distribution



Red (68%)

Green (94%)

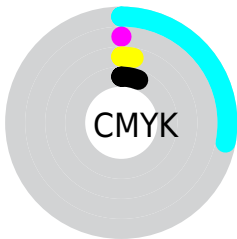
Blue (91%)



Red (68%)

Yellow (82%)

Blue (94%)

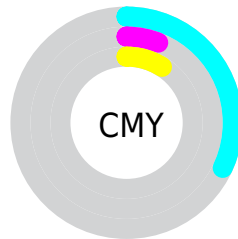


Cyan (28%)

Magenta (0%)

Yellow (3%)

Black (6%)



Cyan (32%)

Magenta (6%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 173, 239, 231 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, 239, 231 by changing the saturation by 10% instead.

 173, 239, 231


255, 255, 255


 230, 255, 255

 173, 239, 231

 145, 211, 203

 118, 183, 175


 92, 156, 149

 66, 130, 123

 39, 104, 98

 4, 80, 74

 0, 57, 52

 0, 35, 31

 0, 1, 7


 173, 239, 231

 173, 239, 231

 149, 239, 228

 197, 239, 234

 125, 239, 225


 221, 239, 237

 101, 239, 222

 245, 239, 240

 77, 239, 219

 255, 239, 243

 54, 239, 217

 255, 239, 245

 30, 239, 214

 255, 239, 248

 6, 239, 211

 255, 239, 251

 0, 239, 210

 255, 239, 254

 255, 239, 255

Harmonies

Analogous

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



190, 237, 209



173, 239, 231



170, 238, 252

Triad

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



173, 239, 231



237, 219, 255



255, 220, 188

Complementary

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



173, 239, 231



239, 173, 181

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, 214, 202



173, 239, 231



255, 214, 244

Square

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



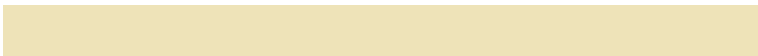
173, 239, 231



209, 227, 255



255, 211, 222



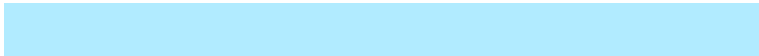
238, 227, 184

Rectangle

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



173, 239, 231



177, 235, 255



255, 211, 222



255, 217, 191

Sweetspot

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



173, 239, 231



235, 255, 253



182, 239, 173



115, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



173, 239, 231



171, 255, 245



173, 215, 239



108, 120, 118



0, 184, 161



0, 56, 49

Inverse Universe

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



239, 173, 181



255, 171, 181



239, 197, 173



120, 108, 109



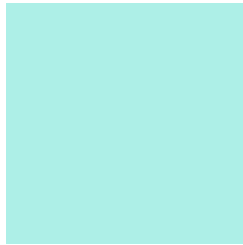
184, 0, 22



56, 0, 7

Previews

White Background



This preview shows how the RGB color 173, 239, 231 looks on a white background.

Color Contrast Check

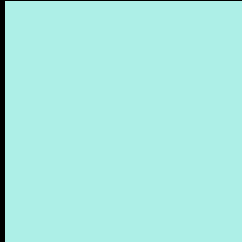
Large Text (above 18pt) WCAG AA × Fail

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, 239, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

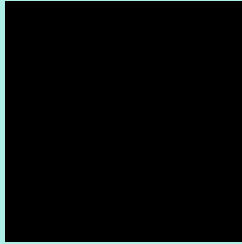
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

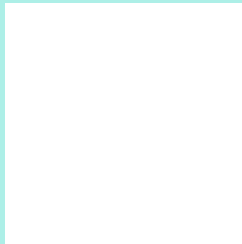
Any Text WCAG AAA ✓ Pass

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

RGB 173, 239, 231 Background



This preview shows how black text looks on a background with the RGB color 173, 239, 231.



This preview shows how white text looks on a background with the RGB color 173, 239, 231.

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





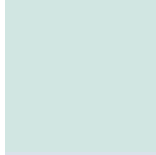
Tritanopia
178, 235, 254

Trichromacy



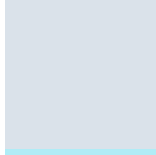
Original Color

173, 239, 231



Protanomaly

209, 230, 226



Deuteranomaly

218, 226, 234



Tritanomaly

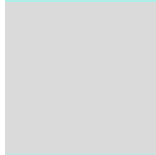
176, 236, 246

Monochromacy



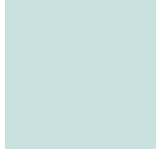
Original Color

173, 239, 231



Achromatopsia

218, 218, 218



Achromatomaly

202, 226, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 173, 239, 231 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, 239, 231)` looks like.

```
.text, #text, p{  
    color:rgb(173, 239, 231)  
}
```

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, 239, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 239, 231) }
```

Border

The CSS property to change the border of an element to RGB 173, 239, 231 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, 239, 231) }
```

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

```
.border{ border-color:rgb(173, 239, 231) }
```

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

Here you see how a box with a 4 pixel rgb(173, 239, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 239, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 239, 231);  
box-shadow:4px 4px 4px 4px rgb(173, 239,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 173, 239, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 239, 231) }
```

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

```
.background{ background-color: rgb(173,  
239, 231) }
```

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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