

Converting Colors

RGB(173, 232, 226)

Have a look what the booklet for
RGB(173, 232, 226) contains.

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Color

RGB(173, 232, 226)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | ADE8E2 |
| RGB | 173, 232, 226 |
| RGB Percent | 68%, 91%, 89% |
| CMY | 0.3216, 0.0902, 0.1137 |
| CMYK | 0.25, 0.00, 0.03, 0.09 |
| HSL | 174°, 56%, 79% |
| HSV | 174°, 25%, 91% |
| XYZ | 59.8177, 72.0884, 82.7132 |
| YIQ | 213.6750, -33.2380, -14.3740 |

Conversions

Conversions Part 2

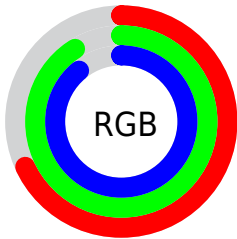
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 173, 204, 232 |
| Decimal | 11397346 |
| CIELab | 88.01, -19.84, -3.16 |
| CIELCh | 88, 20.091, 189.046 |
| Yxy | 72.0884, 0.2787, 0.3359 |
| Android (android.graphics.Color) | 4289587426 (0xFFADE8E2) |
| YUV | 213.6750, 6.0762, -35.6720 |
| Hunter-Lab | 84.9049, -22.8258, 1.6739 |

Details

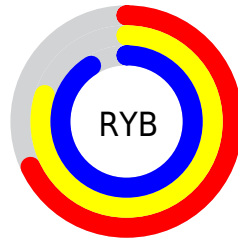
The RGB color **173, 232, 226** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **232, 173, 179**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **230, 255, 255**, and **119, 176, 171** is the 20% darker color. If you saturate the color by 10%, you get **150, 232, 224**, and if you desaturate by 10%, it is **196, 232, 228**.

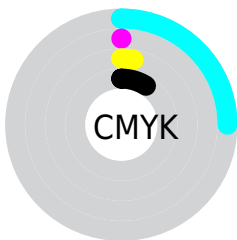
Distribution



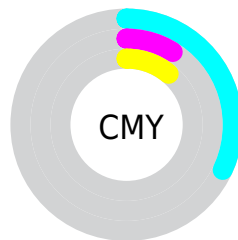
- Red (68%)
- Green (91%)
- Blue (89%)



- Red (68%)
- Yellow (80%)
- Blue (91%)



- Cyan (25%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (32%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 173, 232, 226 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, 232, 226 by changing the saturation by 10% instead.

 173, 232, 226


255, 255, 255


 230, 255, 255


 173, 232, 226


 146, 204, 198

 119, 176, 171


 93, 149, 144

 67, 123, 119

 41, 98, 94

 11, 74, 70

 0, 51, 48

 0, 31, 27

 0, 0, 0

 173, 232, 226

 173, 232, 226

 150, 232, 224

 196, 232, 228

 127, 232, 221

 219, 232, 231

 103, 232, 219

 243, 232, 233

 80, 232, 217

 255, 232, 235

 57, 232, 214

 255, 232, 238

 34, 232, 212

 255, 232, 240

 11, 232, 209

 255, 232, 243

 0, 232, 208

 255, 232, 245

 255, 232, 247

Harmonies

Analogous

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



187, 231, 206



173, 232, 226



171, 231, 244

Triad

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



173, 232, 226



231, 214, 250



248, 215, 186

Complementary

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



173, 232, 226



232, 173, 179

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, 210, 197



173, 232, 226



251, 209, 235

Square

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



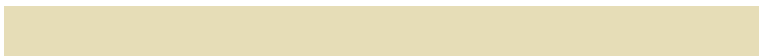
173, 232, 226



207, 220, 255



255, 207, 215



230, 221, 183

Rectangle

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



173, 232, 226



178, 228, 253



255, 207, 215



253, 213, 189

Sweetspot

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



173, 232, 226



235, 255, 253



180, 232, 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, 232, 226



176, 255, 247



173, 209, 232



103, 115, 114



0, 179, 160



0, 51, 46

Inverse Universe

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



232, 173, 179



255, 176, 184



232, 196, 173



115, 103, 104



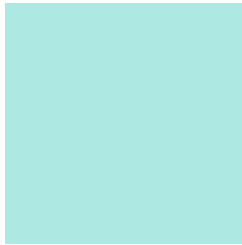
179, 0, 18



51, 0, 5

Previews

White Background



This preview shows how the RGB color 173, 232, 226 looks on a white background.

Color Contrast Check

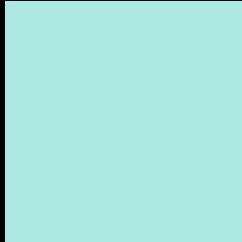
Large Text (above 18pt) WCAG AA × Fail

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, 232, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

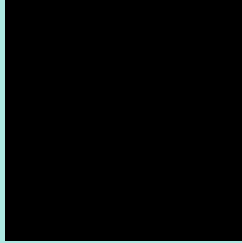
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

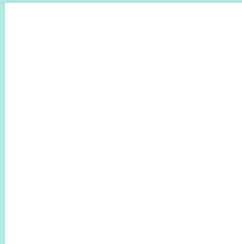
Any Text WCAG AAA ✓ Pass

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

RGB 173, 232, 226 Background



This preview shows how black text looks on a background with the RGB color 173, 232, 226.



This preview shows how white text looks on a background with the RGB color 173, 232, 226.

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





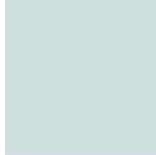
Tritanopia
177, 229, 247

Trichromacy



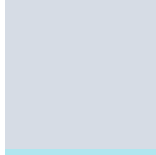
Original Color

173, 232, 226



Protanomaly

205, 224, 221



Deuteranomaly

214, 220, 229



Tritanomaly

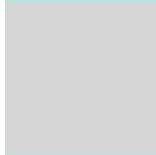
176, 230, 239

Monochromacy



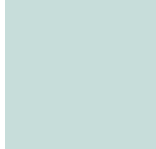
Original Color

173, 232, 226



Achromatopsia

214, 214, 214



Achromatomaly

199, 221, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 173, 232, 226 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, 232, 226)` looks like.

```
.text, #text, p{  
    color:rgb(173, 232, 226)  
}
```

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, 232, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 232, 226) }
```

Border

The CSS property to change the border of an element to RGB 173, 232, 226 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, 232, 226) }
```

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

```
.border{ border-color:rgb(173, 232, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 232, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 232, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 232, 226); box-shadow:4px 4px 4px 4px rgb(173, 232, 226) }
```

Background

The CSS property to change the background color of an element to RGB 173, 232, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 232, 226) }
```

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

```
.background{ background-color: rgb(173,  
232, 226) }
```

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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