

Converting Colors

RGB(173, 235, 214)

Have a look what the booklet for
RGB(173, 235, 214) contains.

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Color

RGB(173, 235, 214)

Conversions

Conversions Part 1

Format	Color
Hex	ADEBD6
RGB	173, 235, 214
RGB Percent	68%, 92%, 84%
CMY	0.3216, 0.0784, 0.1608
CMYK	0.26, 0.00, 0.09, 0.08
HSL	160°, 61%, 80%
HSV	160°, 26%, 92%
XYZ	59.0795, 73.1559, 74.6250
YIQ	214.0680, -30.2110, -19.6750

Conversions

Conversions Part 2

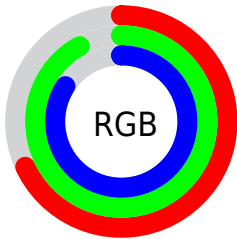
Format	Color
R _{YB}	173, 210, 235
Decimal	11398102
CIE Lab	88.52, -23.81, 3.88
CIE LCh	89, 24.126, 170.756
Yxy	73.1559, 0.2856, 0.3536
Android (android.graphics.Color)	4289588182 (0xFFAEDBD6)
YUV	214.0680, -0.0335, -36.0166
Hunter-Lab	85.5312, -26.3833, 8.1420

Details

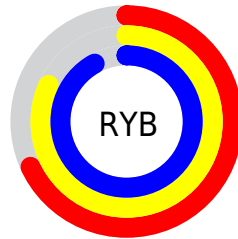
The RGB color **173, 235, 214** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **235, 173, 194**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **230, 255, 255**, and **119, 179, 159** is the 20% darker color. If you saturate the color by 10%, you get **149, 235, 206**, and if you desaturate by 10%, it is **197, 235, 222**.

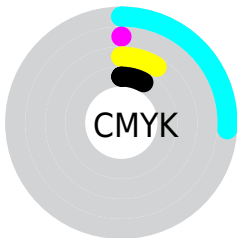
Distribution



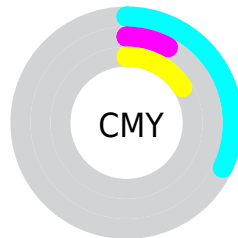
- Red (68%)
- Green (92%)
- Blue (84%)



- Red (68%)
- Yellow (82%)
- Blue (92%)



- Cyan (26%)
- Magenta (0%)
- Yellow (9%)
- Black (8%)



- Cyan (32%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 173, 235, 214 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, 235, 214 by changing the saturation by 10% instead.

 173, 235, 214


255, 255, 255


 230, 255, 255

 173, 235, 214

 146, 207, 186

 119, 179, 159


 93, 152, 133

 67, 126, 108

 42, 101, 84

 12, 77, 61

 0, 53, 39

 0, 33, 18

 0, 0, 0

 173, 235, 214

 173, 235, 214

 149, 235, 206

 197, 235, 222

 126, 235, 198

 220, 235, 230

 103, 235, 190

 244, 235, 238

 79, 235, 182

 255, 235, 246

 56, 235, 174

 255, 235, 254

 32, 235, 166

 255, 235, 255

 9, 235, 158

 0, 235, 155

Harmonies

Analogous

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



197, 232, 193



173, 235, 214



160, 235, 238

Triad

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



173, 235, 214



217, 219, 255



255, 211, 187

Complementary

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



173, 235, 214



235, 173, 194

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, 207, 207



173, 235, 214



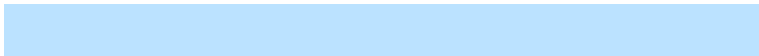
245, 211, 251

Square

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



173, 235, 214



187, 226, 255



255, 207, 230



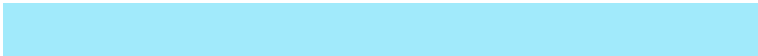
247, 218, 177

Rectangle

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



173, 235, 214



161, 234, 251



255, 207, 230



255, 209, 193

Sweetspot

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



173, 235, 214



235, 255, 248



195, 235, 173



115, 128, 123



0, 0, 0



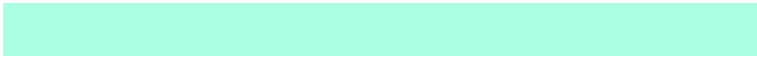
128, 128, 128

Same Dimension

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



173, 235, 214



173, 255, 227



173, 226, 235



106, 117, 113



0, 181, 120



0, 54, 35

Inverse Universe

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



235, 173, 194



255, 173, 201



235, 182, 173



117, 106, 110



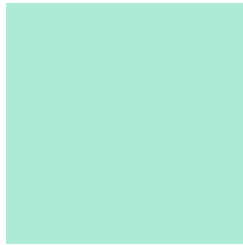
181, 0, 61



54, 0, 18

Previews

White Background



This preview shows how the RGB color 173, 235, 214 looks on a white background.

Color Contrast Check

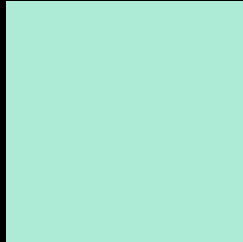
Large Text (above 18pt) WCAG AA × Fail

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, 235, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

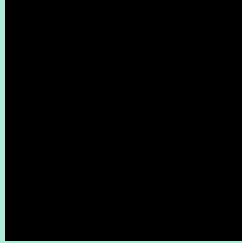
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

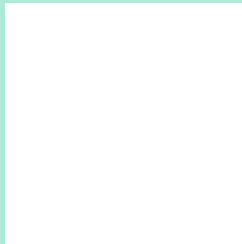
Any Text WCAG AAA ✓ Pass

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

RGB 173, 235, 214 Background



This preview shows how black text looks on a background with the RGB color 173, 235, 214.



This preview shows how white text looks on a background with the RGB color 173, 235, 214.

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





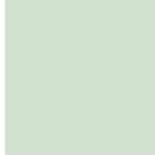
Tritanopia
180, 230, 248

Trichromacy



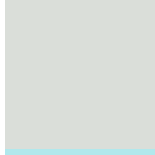
Original Color

173, 235, 214



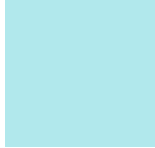
Protanomaly

209, 226, 209



Deuteranomaly

218, 222, 217



Tritanomaly

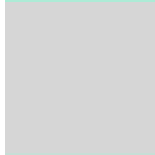
177, 232, 236

Monochromacy



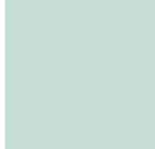
Original Color

173, 235, 214



Achromatopsia

214, 214, 214



Achromatomaly

199, 222, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 173, 235, 214 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, 235, 214)` looks like.

```
.text, #text, p{  
    color:rgb(173, 235, 214)  
}
```

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, 235, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 235, 214) }
```

Border

The CSS property to change the border of an element to RGB 173, 235, 214 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, 235, 214) }
```

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

```
.border{ border-color:rgb(173, 235, 214) }
```

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

Here you see how a box with a 4 pixel rgb(173, 235, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 235, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 235, 214);  
box-shadow:4px 4px 4px 4px rgb(173, 235,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 173, 235, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 235, 214) }
```

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

```
.background{ background-color: rgb(173,  
235, 214) }
```

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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