

Converting Colors

RGB(174, 229, 225)

Have a look what the booklet for
RGB(174, 229, 225) contains.

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Color

RGB(174, 229, 225)

Conversions

Conversions Part 1

Format	Color
Hex	AEE5E1
RGB	174, 229, 225
RGB Percent	68%, 90%, 88%
CMY	0.3176, 0.1020, 0.1176
CMYK	0.24, 0.00, 0.02, 0.10
HSL	176°, 51%, 79%
HSV	176°, 24%, 90%
XYZ	59.0655, 70.4735, 81.7238
YIQ	212.0990, -31.4960, -12.9040

Conversions

Conversions Part 2

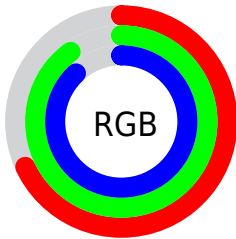
Format	Color
RYB	174, 203, 229
Decimal	11462113
CIELab	87.23, -18.27, -3.78
CIELCh	87, 18.658, 191.681
Yxy	70.4735, 0.2796, 0.3336
Android (android.graphics.Color)	4289652193 (0xFFAAEE5E1)
YUV	212.0990, 6.3602, -33.4128
Hunter-Lab	83.9485, -21.3188, 1.0452

Details

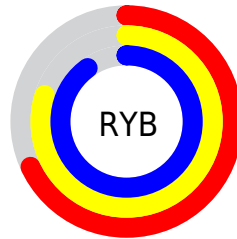
The RGB color **174, 229, 225** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **229, 174, 178**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **231, 255, 255**, and **120, 173, 170** is the 20% darker color. If you saturate the color by 10%, you get **151, 229, 223**, and if you desaturate by 10%, it is **197, 229, 227**.

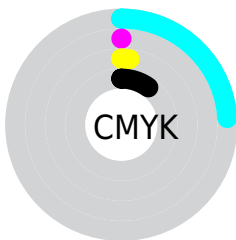
Distribution



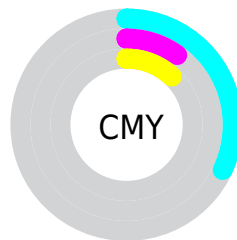
- Red (68%)
- Green (90%)
- Blue (88%)



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



- Cyan (24%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (32%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 174, 229, 225 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 174, 229, 225 by changing the saturation by 10% instead.

 174, 229, 225


255, 255, 255


 231, 255, 255


 174, 229, 225

 147, 201, 197

 120, 173, 170

 94, 147, 143

 69, 121, 118

 43, 96, 93

 15, 72, 70

 0, 49, 47

 0, 29, 27

 0, 0, 0

 174, 229, 225

 174, 229, 225

 151, 229, 223

 197, 229, 227

 128, 229, 222

 220, 229, 228

 105, 229, 220

 243, 229, 230

 82, 229, 218

 255, 229, 232

 59, 229, 217

 255, 229, 233

 37, 229, 215

 255, 229, 235

 14, 229, 213

 255, 229, 237

 0, 229, 212

 255, 229, 238

 255, 229, 240

Harmonies

Analogous

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



186, 228, 207



174, 229, 225



174, 227, 241

Triad

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



174, 229, 225



230, 212, 245



243, 214, 185

Complementary

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



174, 229, 225



229, 174, 178

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.



254, 209, 196



174, 229, 225



248, 208, 230

Square

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



174, 229, 225



208, 218, 253



255, 206, 212



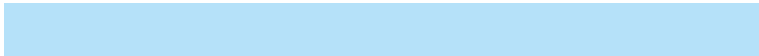
225, 220, 184

Rectangle

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



174, 229, 225



181, 225, 249



255, 206, 212



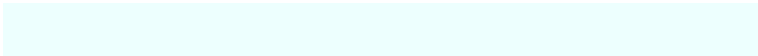
247, 212, 188

Sweetspot

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



174, 229, 225



237, 255, 254



179, 229, 174



117, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



174, 229, 225



181, 255, 250



174, 206, 229



103, 115, 114



0, 179, 166



0, 51, 47

Inverse Universe

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



229, 174, 178



255, 181, 186



229, 197, 174



115, 103, 104



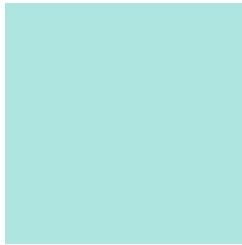
179, 0, 13



51, 0, 4

Previews

White Background



This preview shows how the RGB color 174, 229, 225 looks on a white background.

Color Contrast Check

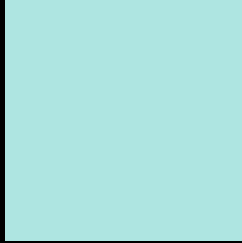
Large Text (above 18pt) WCAG AA × Fail

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 174, 229, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

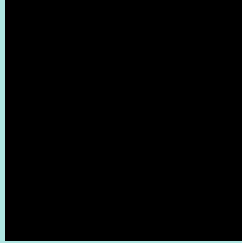
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

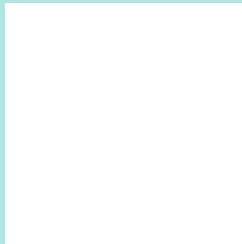
Any Text WCAG AAA ✓ Pass

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

RGB 174, 229, 225 Background



This preview shows how black text looks on a background with the RGB color 174, 229, 225.



This preview shows how white text looks on a background with the RGB color 174, 229, 225.

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





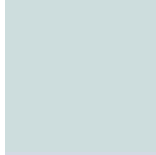
Tritanopia
178, 226, 244

Trichromacy



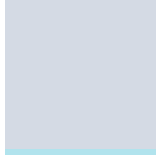
Original Color

174, 229, 225



Protanomaly

205, 221, 221



Deuteranomaly

212, 218, 228



Tritanomaly

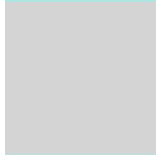
177, 227, 237

Monochromacy



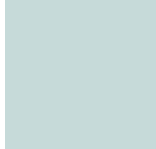
Original Color

174, 229, 225



Achromatopsia

212, 212, 212



Achromatomaly

198, 218, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 229, 225 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(174, 229, 225)` looks like.

```
.text, #text, p{  
    color:rgb(174, 229, 225)  
}
```

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(174, 229, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 229, 225) }
```

Border

The CSS property to change the border of an element to RGB 174, 229, 225 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(174, 229, 225) }
```

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

```
.border{ border-color:rgb(174, 229, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 229, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 229, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 229, 225); box-shadow:4px 4px 4px 4px rgb(174, 229, 225) }
```

Background

The CSS property to change the background color of an element to RGB 174, 229, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 229, 225) }
```

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

```
.background{ background-color: rgb(174,  
229, 225) }
```

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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