

Converting Colors

RGB(175, 224, 231)

Have a look what the booklet for
RGB(175, 224, 231) contains.

RGB(175, 224, 231)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(175, 224, 231)

Conversions

Conversions Part 1

Format	Color
Hex	AFE0E7
RGB	175, 224, 231
RGB Percent	69%, 88%, 91%
CMY	0.3137, 0.1216, 0.0941
CMYK	0.24, 0.03, 0.00, 0.09
HSL	188°, 54%, 80%
HSV	188°, 24%, 91%
XYZ	58.7587, 68.1948, 85.6673
YIQ	210.1470, -31.4510, -8.2110

Conversions

Conversions Part 2

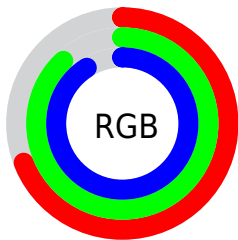
Format	Color
RYB	175, 201, 231
Decimal	11526375
CIELab	86.10, -14.16, -8.59
CIElCh	86, 16.567, 211.250
Yxy	68.1948, 0.2764, 0.3207
Android (android.graphics.Color)	4289716455 (0xFFAFE0E7)
YUV	210.1470, 10.2805, -30.8239
Hunter-Lab	82.5801, -17.5062, -3.7004

Details

The RGB color **175, 224, 231** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **231, 182, 175**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **232, 255, 255**, and **121, 169, 175** is the 20% darker color. If you saturate the color by 10%, you get **152, 221, 231**, and if you desaturate by 10%, it is **198, 227, 231**.

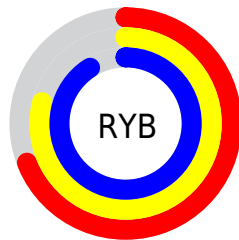
Distribution



Red (69%)

Green (88%)

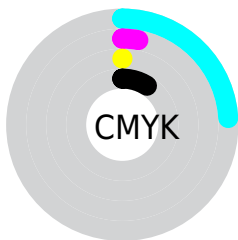
Blue (91%)



Red (69%)

Yellow (79%)

Blue (91%)

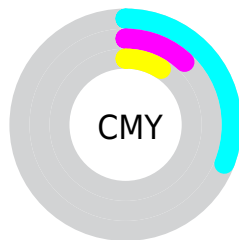


Cyan (24%)

Magenta (3%)

Yellow (0%)

Black (9%)



Cyan (31%)

Magenta (12%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 224, 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 175, 224, 231 by changing the saturation by 10% instead.


 175, 224, 231


255, 255, 255


 232, 255, 255

 175, 224, 231

 148, 196, 203

 121, 169, 175

 95, 142, 149

 70, 117, 123

 44, 92, 98

 17, 68, 74

 0, 46, 52

 0, 26, 31

 0, 0, 5


 175, 224, 231

 175, 224, 231

 152, 221, 231

 198, 227, 231

 129, 218, 231

 221, 230, 231

 106, 215, 231

 244, 233, 231

 83, 212, 231

 255, 236, 231

 59, 210, 231

 255, 238, 231

 36, 207, 231

 255, 241, 231

 13, 204, 231

 255, 244, 231

 0, 202, 231

 255, 247, 231

 255, 250, 231

Harmonies

Analogous

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



179, 225, 215



175, 224, 231



182, 221, 242

Triad

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



175, 224, 231



237, 207, 231



227, 214, 184

Complementary

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



175, 224, 231



231, 182, 175

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.



241, 209, 188



175, 224, 231



247, 205, 215

Square

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



175, 224, 231



219, 211, 242



248, 206, 200



210, 219, 188

Rectangle

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



175, 224, 231



193, 218, 246



248, 206, 200



233, 213, 185

Sweetspot

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



175, 224, 231



237, 253, 255



175, 231, 182



117, 126, 128



0, 0, 0



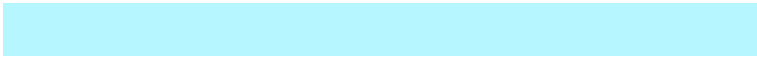
128, 128, 128

Same Dimension

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



175, 224, 231



181, 246, 255



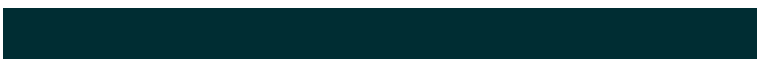
175, 196, 231



103, 113, 115



0, 156, 179



0, 45, 51

Inverse Universe

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



231, 175, 224



255, 181, 246



231, 210, 175



115, 103, 113



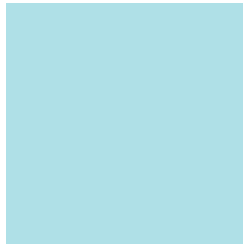
179, 0, 156



51, 0, 45

Previews

White Background



This preview shows how the RGB color 175, 224, 231 looks on a white background.

Color Contrast Check

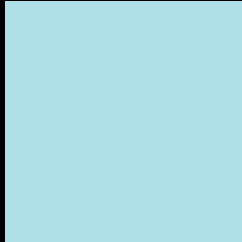
Large Text (above 18pt) WCAG AA × Fail

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 175, 224, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

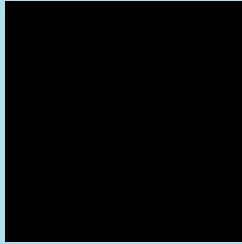
Any Text WCAG AA ✓ Pass

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 175, 224, 231 Background



This preview shows how black text looks on a background with the RGB color 175, 224, 231.



This preview shows how white text looks on a background with the RGB color 175, 224, 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](#).

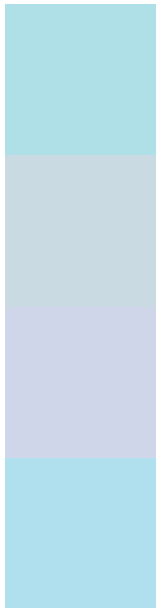
Dichromacy





Tritanopia
177, 223, 240

Trichromacy



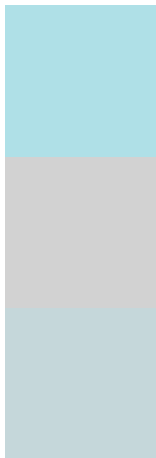
Original Color
175, 224, 231

Protanomaly
201, 218, 227

Deuteranomaly
208, 214, 233

Tritanomaly
176, 223, 237

Monochromacy



Original Color
175, 224, 231

Achromatopsia
210, 210, 210

Achromatomaly
197, 215, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 224, 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(175, 224, 231)` looks like.

```
.text, #text, p{  
    color:rgb(175, 224, 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(175, 224, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 224, 231) }
```

Border

The CSS property to change the border of an element to RGB 175, 224, 231 is called "border". The border property can be set on classes, ids or directly on the HTML element.

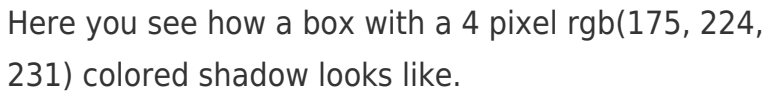
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 224, 231) }
```

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

```
.border{ border-color:rgb(175, 224, 231) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 224, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 224, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 224, 231); box-shadow:4px 4px 4px 4px rgb(175, 224, 231) }
```

Background

The CSS property to change the background color of an element to RGB 175, 224, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 224, 231) }
```

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

```
.background{ background-color: rgb(175,  
224, 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](#).

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