

Converting Colors

RGB(175, 241, 214)

Have a look what the booklet for
RGB(175, 241, 214) contains.

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Color

RGB(175, 241, 214)

Conversions

Conversions Part 1

Format	Color
Hex	AFF1D6
RGB	175, 241, 214
RGB Percent	69%, 95%, 84%
CMY	0.3137, 0.0549, 0.1608
CMYK	0.27, 0.00, 0.11, 0.05
HSL	155°, 70%, 82%
HSV	155°, 27%, 95%
XYZ	61.2721, 76.8796, 75.2282
YIQ	218.1880, -30.6690, -22.3890

Conversions

Conversions Part 2

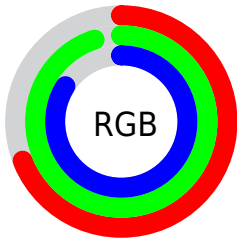
Format	Color
RYB	175, 216, 241
Decimal	11530710
CIELab	90.27, -26.12, 6.41
CIELCh	90, 26.891, 166.212
Yxy	76.8796, 0.2872, 0.3603
Android (android.graphics.Color)	4289720790 (0xFFAFF1D6)
YUV	218.1880, -2.0647, -37.8759
Hunter-Lab	87.6810, -28.7047, 10.5073

Details

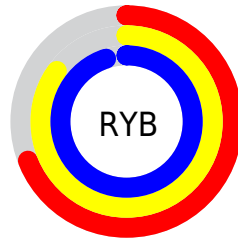
The RGB color **175, 241, 214** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **241, 175, 202**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **232, 255, 255**, and **121, 185, 159** is the 20% darker color. If you saturate the color by 10%, you get **151, 241, 204**, and if you desaturate by 10%, it is **199, 241, 224**.

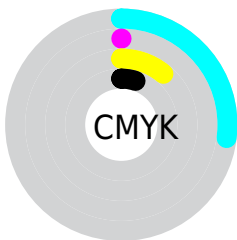
Distribution



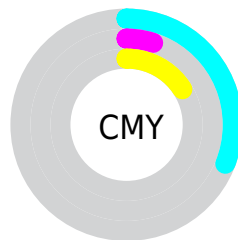
- Red (69%)
- Green (95%)
- Blue (84%)



- Red (69%)
- Yellow (85%)
- Blue (95%)



- Cyan (27%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)



- Cyan (31%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 241, 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 175, 241, 214 by changing the saturation by 10% instead.


 175, 241, 214


255, 255, 255


 232, 255, 255

 175, 241, 214

 148, 213, 186

 121, 185, 159


 95, 158, 133

 69, 131, 108

 43, 106, 84

 13, 81, 61

 0, 58, 39

 0, 36, 18

 0, 2, 0

 175, 241, 214

 175, 241, 214

 151, 241, 204

 199, 241, 224

 127, 241, 194

 223, 241, 234

 103, 241, 184

 247, 241, 244

 79, 241, 175

 255, 241, 253

 54, 241, 165

 255, 241, 255

 30, 241, 155

 6, 241, 145

 0, 241, 142

Harmonies

Analogous

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



203, 237, 191



175, 241, 214



157, 242, 240

Triad

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



175, 241, 214



216, 225, 255



255, 214, 191

Complementary

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



175, 241, 214



241, 175, 202

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, 209, 214



175, 241, 214



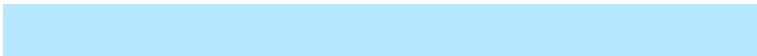
248, 216, 255

Square

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



175, 241, 214



182, 233, 255



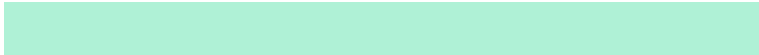
255, 210, 240



255, 221, 178

Rectangle

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



175, 241, 214



155, 240, 255



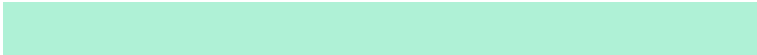
255, 210, 240



255, 212, 198

Sweetspot

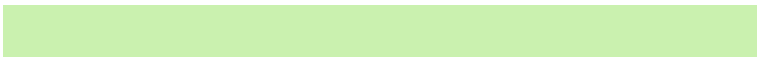
The Sweet Spot groups the original color and five complimentary colors.



175, 241, 214



235, 255, 247



202, 241, 175



115, 128, 122



0, 0, 0



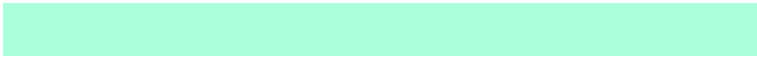
128, 128, 128

Same Dimension

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



175, 241, 214



171, 255, 221



175, 235, 241



108, 120, 115



0, 184, 108



0, 56, 33

Inverse Universe

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



241, 175, 202



255, 171, 205



241, 180, 175



120, 108, 113



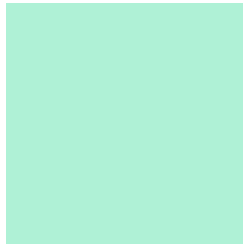
184, 0, 75



56, 0, 23

Previews

White Background



This preview shows how the RGB color 175, 241, 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 175, 241, 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

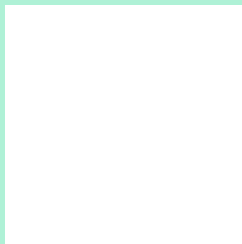
Any Text WCAG AAA ✓ Pass

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

RGB 175, 241, 214 Background



This preview shows how black text looks on a background with the RGB color 175, 241, 214.

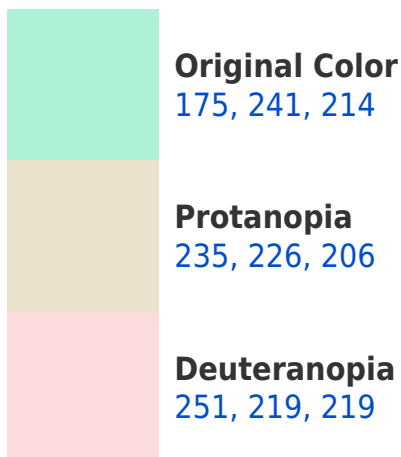


This preview shows how white text looks on a background with the RGB color 175, 241, 214.

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





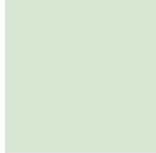
Tritanopia
183, 235, 254

Trichromacy



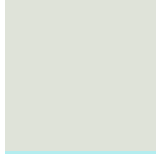
Original Color

175, 241, 214



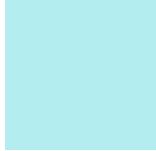
Protanomaly

213, 231, 209



Deuteranomaly

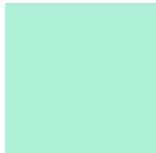
223, 227, 217



Tritanomaly

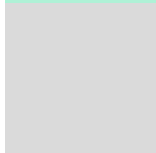
180, 237, 239

Monochromacy



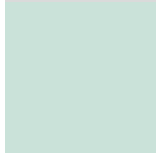
Original Color

175, 241, 214



Achromatopsia

218, 218, 218



Achromatomaly

202, 226, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 241, 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(175, 241, 214)` looks like.

```
.text, #text, p{  
    color:rgb(175, 241, 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(175, 241, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 241, 214) }
```

Border

The CSS property to change the border of an element to RGB 175, 241, 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(175, 241, 214) }
```

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

```
.border{ border-color:rgb(175, 241, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 241, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 241, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 241, 214);  
box-shadow:4px 4px 4px 4px rgb(175, 241,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 175, 241, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 241, 214) }
```

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

```
.background{ background-color: rgb(175,  
241, 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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