

# Converting Colors

RGB(175, 232, 229)

Have a look what the booklet for  
RGB(175, 232, 229) contains.

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# **Color**

**RGB(175, 232, 229)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFE8E5
RGB	175, 232, 229
RGB Percent	69%, 91%, 90%
CMY	0.3137, 0.0902, 0.1020
CMYK	0.25, 0.00, 0.01, 0.09
HSL	177°, 55%, 80%
HSV	177°, 25%, 91%
XYZ	60.6787, 72.4843, 84.9215
YIQ	214.6150, -33.0090, -13.0170

# Conversions

## Conversions Part 2

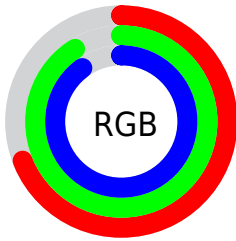
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 204, 232
Decimal	11528421
CIELab	88.20, -18.61, -4.44
CIElCh	88, 19.136, 193.419
Yxy	72.4843, 0.2782, 0.3324
Android (android.graphics.Color)	4289718501 (0xFFAFE8E5)
YUV	214.6150, 7.0918, -34.7424
Hunter-Lab	85.1377, -21.7720, 0.4570

# Details

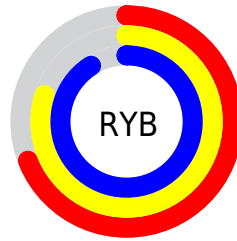
The RGB color **175, 232, 229** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **232, 175, 178**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **232, 255, 255**, and **121, 176, 174** is the 20% darker color. If you saturate the color by 10%, you get **152, 232, 228**, and if you desaturate by 10%, it is **198, 232, 230**.

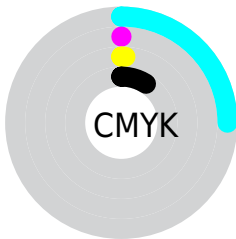
# Distribution



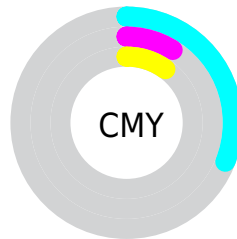
- Red (69%)
- Green (91%)
- Blue (90%)



- Red (69%)
- Yellow (80%)
- Blue (91%)



- Cyan (25%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 175, 232, 229 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, 232, 229 by changing the saturation by 10% instead.




 175, 232, 229


255, 255, 255


 232, 255, 255


 175, 232, 229

 148, 204, 201

 121, 176, 174


 95, 149, 147

 69, 124, 121

 43, 98, 97

 14, 74, 73

 0, 52, 50

 0, 31, 29

 0, 0, 3

 175, 232, 229

 175, 232, 229

 152, 232, 228

 198, 232, 230

 129, 232, 227

 221, 232, 231

 105, 232, 225

 245, 232, 233

 82, 232, 224

 255, 232, 234

 59, 232, 223

 255, 232, 235

 36, 232, 222

 255, 232, 236

 13, 232, 220

 255, 232, 238

 0, 232, 220

 255, 232, 239

 255, 232, 240

# Harmonies

## Analogous

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



187, 231, 210



175, 232, 229



175, 230, 246

# Triad

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



175, 232, 229



235, 214, 248



245, 217, 187

# Complementary

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



175, 232, 229



232, 175, 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.



255, 211, 197



175, 232, 229



252, 210, 232

# Square

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



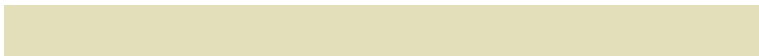
175, 232, 229



212, 220, 255



255, 209, 214



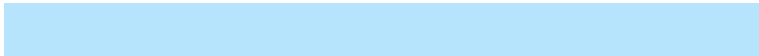
227, 223, 186

# Rectangle

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



175, 232, 229



183, 228, 253



255, 209, 214



250, 215, 189



# Sweetspot

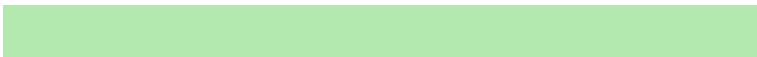
The Sweet Spot groups the original color and five complimentary colors.



175, 232, 229



237, 255, 254



179, 232, 175



117, 128, 127



0, 0, 0



128, 128, 128



# Same Dimension

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



175, 232, 229



181, 255, 251



175, 207, 232



103, 115, 114



0, 179, 169



0, 51, 48



# Inverse Universe

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



232, 175, 178



255, 181, 185



232, 200, 175



115, 103, 104



179, 0, 9

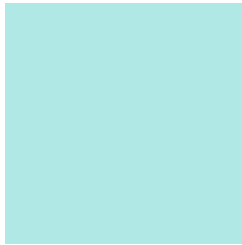


51, 0, 3



# Previews

## White Background



This preview shows how the RGB color 175, 232, 229 looks on a white background.

## Color Contrast Check

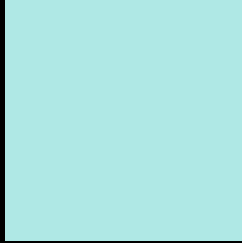
Large Text (above 18pt) WCAG AA × Fail

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, 232, 229 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

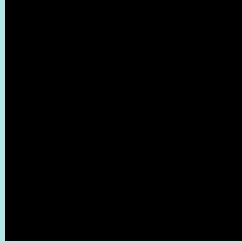
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 175, 232, 229 Background



This preview shows how black text looks on a background with the RGB color 175, 232, 229.



This preview shows how white text looks on a background with the RGB color 175, 232, 229.

# 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





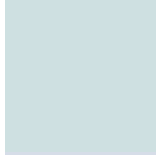
**Tritanopia**  
179, 229, 248

# Trichromacy



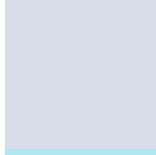
**Original Color**

175, 232, 229



**Protanomaly**

206, 224, 225



**Deuteranomaly**

214, 221, 232



**Tritanomaly**

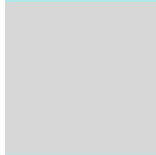
178, 230, 241

# Monochromacy



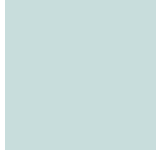
**Original Color**

175, 232, 229



**Achromatopsia**

215, 215, 215



**Achromatomaly**

200, 221, 220

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 175, 232, 229 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, 232, 229)` looks like.

```
.text, #text, p{  
    color:rgb(175, 232, 229)  
}
```

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, 232, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 232, 229) }
```

## Border

The CSS property to change the border of an element to RGB 175, 232, 229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

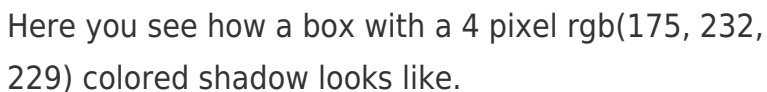
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 232, 229) }
```

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

```
.border{ border-color:rgb(175, 232, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 232, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 232, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 232, 229);  
box-shadow:4px 4px 4px 4px rgb(175, 232,  
229) }
```

# Background

The CSS property to change the background color of an element to RGB 175, 232, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 232, 229) }
```

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

```
.background{ background-color: rgb(175,  
232, 229) }
```

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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