

Converting Colors

RGB(171, 221, 204)

Have a look what the booklet for
RGB(171, 221, 204) contains.

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Color

RGB(171, 221, 204)

Conversions

Conversions Part 1

Format	Color
Hex	ABDDCC
RGB	171, 221, 204
RGB Percent	67%, 87%, 80%
CMY	0.3294, 0.1333, 0.2000
CMYK	0.23, 0.00, 0.08, 0.13
HSL	160°, 42%, 77%
HSV	160°, 23%, 87%
XYZ	53.5501, 64.7305, 66.7986
YIQ	204.1120, -24.3430, -15.8870

Conversions

Conversions Part 2

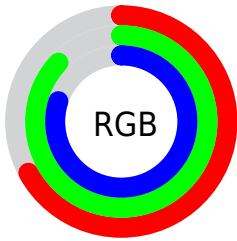
Format	Color
RYB	171, 201, 221
Decimal	11263436
CIELab	84.34, -19.56, 3.07
CIELCh	84, 19.796, 171.088
Yxy	64.7305, 0.2893, 0.3497
Android (android.graphics.Color)	4289453516 (0xFFABDDCC)
YUV	204.1120, -0.0552, -29.0392
Hunter-Lab	80.4552, -21.9891, 7.0927

Details

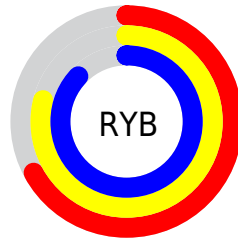
The RGB color **171, 221, 204** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **221, 171, 188**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **227, 255, 255**, and **118, 166, 150** is the 20% darker color. If you saturate the color by 10%, you get **149, 221, 196**, and if you desaturate by 10%, it is **193, 221, 212**.

Distribution



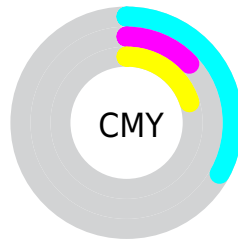
- Red (67%)
- Green (87%)
- Blue (80%)



- Red (67%)
- Yellow (79%)
- Blue (87%)



- Cyan (23%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)




- Cyan (33%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 221, 204 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 171, 221, 204 by changing the saturation by 10% instead.

 171, 221, 204


255, 255, 255

 227, 255, 255

 171, 221, 204


 144, 193, 177

 118, 166, 150


 92, 139, 124

 67, 114, 99

 43, 89, 75

 18, 65, 53

 0, 43, 32

 0, 24, 8

 0, 0, 0

 171, 221, 204

 171, 221, 204

 149, 221, 196

 193, 221, 212

 127, 221, 189

 215, 221, 219

 105, 221, 181

 237, 221, 227

 83, 221, 174

 255, 221, 234

 60, 221, 166

 255, 221, 242

 38, 221, 159

 255, 221, 249

 16, 221, 151

 255, 221, 255

 0, 221, 146

Harmonies

Analogous

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



190, 218, 187



171, 221, 204



161, 221, 223

Triad

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



171, 221, 204



207, 208, 245



245, 201, 182

Complementary

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



171, 221, 204



221, 171, 188

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.



250, 198, 198



171, 221, 204



229, 202, 234

Square

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



171, 221, 204



183, 214, 247



245, 198, 217



231, 207, 174

Rectangle

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



171, 221, 204



162, 220, 234



245, 198, 217



247, 200, 187

Sweetspot

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



171, 221, 204



237, 255, 249



188, 221, 171



117, 128, 124



0, 0, 0



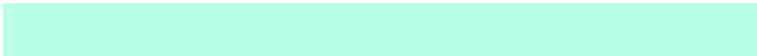
128, 128, 128

Same Dimension

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



171, 221, 204



186, 255, 232



171, 213, 221



99, 110, 106



0, 173, 114



0, 46, 30

Inverse Universe

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



221, 171, 188



255, 186, 210



221, 179, 171



110, 99, 102



173, 0, 59



46, 0, 16

Previews

White Background



This preview shows how the RGB color 171, 221, 204 looks on a white background.

Color Contrast Check

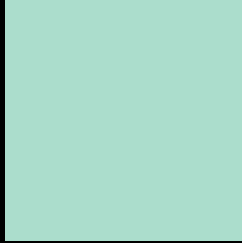
Large Text (above 18pt) WCAG AA × Fail

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 171, 221, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

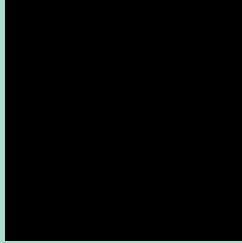
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

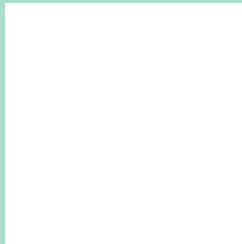
Any Text WCAG AAA ✓ Pass

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

RGB 171, 221, 204 Background



This preview shows how black text looks on a background with the RGB color 171, 221, 204.

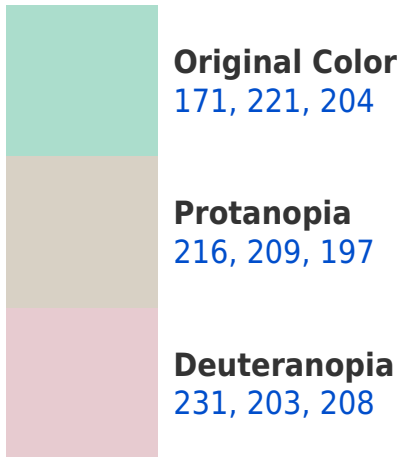


This preview shows how white text looks on a background with the RGB color 171, 221, 204.

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





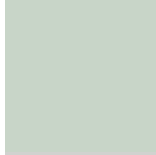
Tritanopia
177, 217, 234

Trichromacy



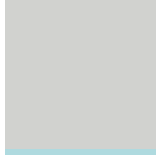
Original Color

171, 221, 204



Protanomaly

200, 213, 200



Deuteranomaly

209, 210, 207



Tritanomaly

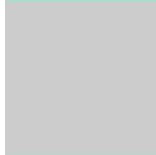
175, 218, 223

Monochromacy



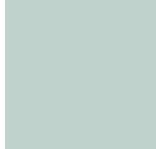
Original Color

171, 221, 204



Achromatopsia

204, 204, 204



Achromatomaly

192, 210, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 221, 204 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(171, 221, 204)` looks like.

```
.text, #text, p{  
    color:rgb(171, 221, 204)  
}
```

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(171, 221, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 221, 204) }
```

Border

The CSS property to change the border of an element to RGB 171, 221, 204 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(171, 221, 204) }
```

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

```
.border{ border-color:rgb(171, 221, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 221, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 221, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 221, 204);  
box-shadow:4px 4px 4px 4px rgb(171, 221,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 171, 221, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 221, 204) }
```

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

```
.background{ background-color: rgb(171,  
221, 204) }
```

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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