

Converting Colors

RGB(172, 230, 220)

Have a look what the booklet for
RGB(172, 230, 220) contains.

RGB(172, 230, 220)	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(172, 230, 220)

Conversions

Conversions Part 1

Format	Color
Hex	ACE6DC
RGB	172, 230, 220
RGB Percent	67%, 90%, 86%
CMY	0.3255, 0.0980, 0.1373
CMYK	0.25, 0.00, 0.04, 0.10
HSL	170°, 54%, 79%
HSV	170°, 25%, 90%
XYZ	58.2283, 70.5316, 78.2551
YIQ	211.5180, -31.3580, -15.4060

Conversions

Conversions Part 2

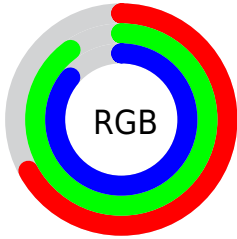
Format	Color
R _{YB}	172, 204, 230
Decimal	11331292
CIE Lab	87.26, -20.42, -1.12
CIE LCh	87, 20.450, 183.139
Yxy	70.5316, 0.2813, 0.3407
Android (android.graphics.Color)	4289521372 (0xFFACE6DC)
YUV	211.5180, 4.1816, -34.6573
Hunter-Lab	83.9831, -23.2103, 3.5419

Details

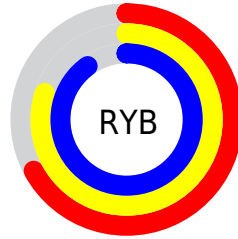
The RGB color **172, 230, 220** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **230, 172, 182**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **228, 255, 255**, and **118, 174, 165** is the 20% darker color. If you saturate the color by 10%, you get **149, 230, 216**, and if you desaturate by 10%, it is **195, 230, 224**.

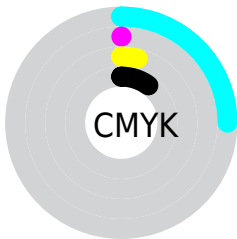
Distribution



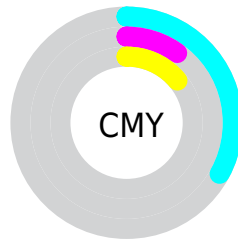
- Red (67%)
- Green (90%)
- Blue (86%)



- Red (67%)
- Yellow (80%)
- Blue (90%)



- Cyan (25%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)



- Cyan (33%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 230, 220 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 172, 230, 220 by changing the saturation by 10% instead.

 172, 230, 220


255, 255, 255


 228, 255, 255


 172, 230, 220

 145, 202, 192

 118, 174, 165


 92, 148, 139

 67, 122, 113

 41, 97, 89

 12, 73, 66

 0, 50, 44

 0, 30, 23

 0, 0, 0

 172, 230, 220

 172, 230, 220


 149, 230, 216

 195, 230, 224

 126, 230, 212

 218, 230, 228

 103, 230, 208

 241, 230, 232

 80, 230, 204

 255, 230, 236

 57, 230, 200

 255, 230, 240

 34, 230, 196

 255, 230, 244

 11, 230, 192

 255, 230, 248

 0, 230, 190

 255, 230, 252

 255, 230, 255

Harmonies

Analogous

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



188, 228, 201



172, 230, 220



167, 229, 239

Triad

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



172, 230, 220



225, 213, 251



249, 212, 185

Complementary

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



172, 230, 220



230, 172, 182

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, 207, 198



172, 230, 220



246, 208, 237

Square

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



172, 230, 220



199, 220, 255



255, 205, 217



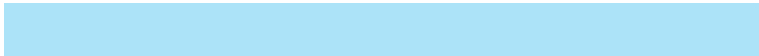
232, 218, 180

Rectangle

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



172, 230, 220



172, 227, 249



255, 205, 217



253, 210, 188

Sweetspot

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



172, 230, 220



235, 255, 251



183, 230, 172



115, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



172, 230, 220



179, 255, 242



172, 212, 230



103, 115, 113



0, 179, 148



0, 51, 42

Inverse Universe

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



230, 172, 182



255, 179, 192



230, 190, 172



115, 103, 105



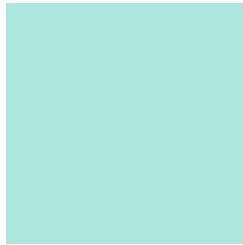
179, 0, 31



51, 0, 9

Previews

White Background



This preview shows how the RGB color 172, 230, 220 looks on a white background.

Color Contrast Check

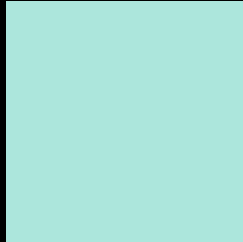
Large Text (above 18pt) WCAG AA × Fail

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 172, 230, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

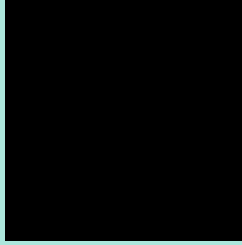
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

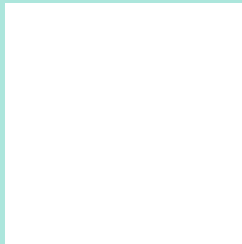
Any Text WCAG AAA ✓ Pass

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

RGB 172, 230, 220 Background



This preview shows how black text looks on a background with the RGB color 172, 230, 220.

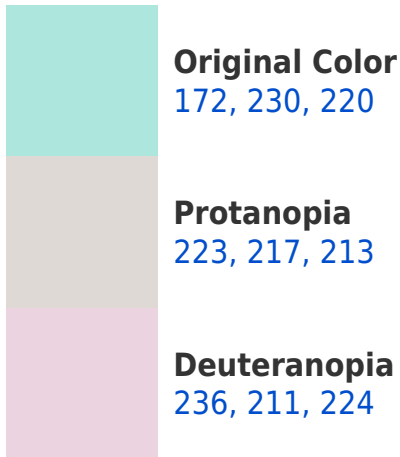


This preview shows how white text looks on a background with the RGB color 172, 230, 220.

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





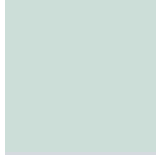
Tritanopia
177, 226, 244

Trichromacy



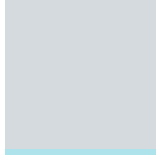
Original Color

172, 230, 220



Protanomaly

204, 222, 216



Deuteranomaly

213, 218, 223



Tritanomaly

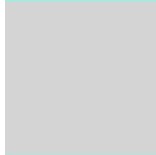
175, 227, 235

Monochromacy



Original Color

172, 230, 220



Achromatopsia

212, 212, 212



Achromatomaly

197, 219, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 230, 220 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(172, 230, 220)` looks like.

```
.text, #text, p{  
    color:rgb(172, 230, 220)  
}
```

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(172, 230, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 230, 220) }
```

Border

The CSS property to change the border of an element to RGB 172, 230, 220 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(172, 230, 220) }
```

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

```
.border{ border-color:rgb(172, 230, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 230, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 230, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 230, 220);  
box-shadow:4px 4px 4px 4px rgb(172, 230,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 172, 230, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 230, 220) }
```

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

```
.background{ background-color: rgb(172,  
230, 220) }
```

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