

Converting Colors

RGB(172, 210, 197)

Have a look what the booklet for
RGB(172, 210, 197) contains.

RGB(172, 210, 197)	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, 210, 197)

Conversions

Conversions Part 1

Format	Color
Hex	ACD2C5
RGB	172, 210, 197
RGB Percent	67%, 82%, 77%
CMY	0.3255, 0.1765, 0.2275
CMYK	0.18, 0.00, 0.06, 0.18
HSL	159°, 30%, 75%
HSV	159°, 18%, 82%
XYZ	50.1379, 58.8951, 61.5487
YIQ	197.1560, -18.4750, -12.0990

Conversions

Conversions Part 2

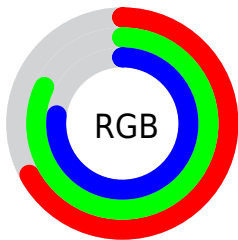
Format	Color
RYB	172, 195, 210
Decimal	11326149
CIELab	81.23, -15.11, 2.28
CIELCh	81, 15.284, 171.431
Yxy	58.8951, 0.2939, 0.3453
Android (android.graphics.Color)	4289516229 (0xFFACD2C5)
YUV	197.1560, -0.0769, -22.0618
Hunter-Lab	76.7431, -17.6826, 6.1691

Details

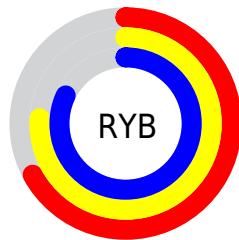
The RGB color **172, 210, 197** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **210, 172, 185**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **228, 255, 254**, and **119, 155, 143** is the 20% darker color. If you saturate the color by 10%, you get **151, 210, 190**, and if you desaturate by 10%, it is **193, 210, 204**.

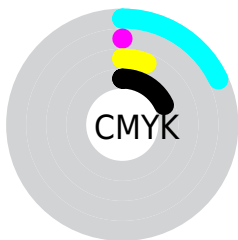
Distribution



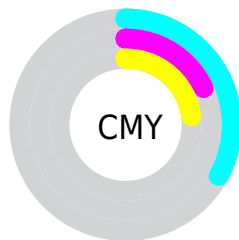
- Red (67%)
- Green (82%)
- Blue (77%)



- Red (67%)
- Yellow (76%)
- Blue (82%)



- Cyan (18%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (33%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 210, 197 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, 210, 197 by changing the saturation by 10% instead.

 172, 210, 197


255, 255, 255


 228, 255, 254

 172, 210, 197


 145, 182, 170


 119, 155, 143

 94, 129, 118

 70, 104, 93

 46, 80, 70

 23, 57, 47


 1, 35, 27

 0, 8, 0

 0, 0, 0

 172, 210, 197

 172, 210, 197

 151, 210, 190

 193, 210, 204

 130, 210, 183

 214, 210, 211

 109, 210, 175

 235, 210, 219

 88, 210, 168

 255, 210, 226

 67, 210, 161

 255, 210, 233

 46, 210, 154

 255, 210, 240

 25, 210, 147

 255, 210, 247

 4, 210, 140

 255, 210, 254

 0, 210, 138

 255, 210, 255

Harmonies

Analogous

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



186, 208, 184



172, 210, 197



165, 210, 212

Triad

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



172, 210, 197



199, 200, 228



228, 195, 180

Complementary

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



172, 210, 197



210, 172, 185

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.



233, 192, 192



172, 210, 197



217, 195, 220

Square

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



172, 210, 197



182, 204, 230



228, 192, 206



218, 199, 174

Rectangle

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



172, 210, 197



166, 209, 220



228, 192, 206



231, 194, 183

Sweetspot

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



172, 210, 197



242, 255, 251



185, 210, 172



120, 128, 125



0, 0, 0



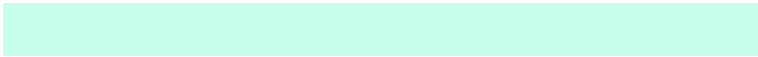
128, 128, 128

Same Dimension

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



172, 210, 197



199, 255, 236



172, 204, 210



94, 105, 101



0, 168, 111



0, 41, 27

Inverse Universe

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



210, 172, 185



255, 199, 218



210, 178, 172



105, 94, 98



168, 0, 58



41, 0, 14

Previews

White Background



This preview shows how the RGB color 172, 210, 197 looks on a white background.

Color Contrast Check

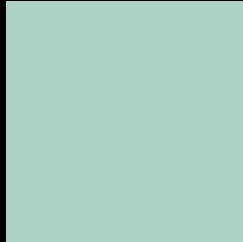
Large Text (above 18pt) WCAG AA × Fail

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, 210, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

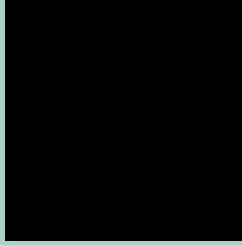
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

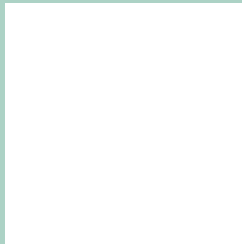
Any Text WCAG AAA ✓ Pass

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

RGB 172, 210, 197 Background



This preview shows how black text looks on a background with the RGB color 172, 210, 197.

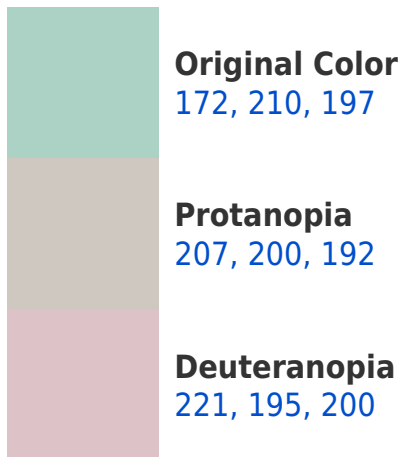


This preview shows how white text looks on a background with the RGB color 172, 210, 197.

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, 206, 223

Trichromacy



Original Color

172, 210, 197

Protanomaly

194, 204, 194

Deuteranomaly

203, 200, 199

Tritanomaly

175, 207, 214

Monochromacy



Original Color

172, 210, 197

Achromatopsia

197, 197, 197

Achromatomaly

188, 202, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 210, 197 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, 210, 197)` looks like.

```
.text, #text, p{  
    color:rgb(172, 210, 197)  
}
```

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, 210, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 210, 197) }
```

Border

The CSS property to change the border of an element to RGB 172, 210, 197 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, 210, 197) }
```

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

```
.border{ border-color:rgb(172, 210, 197) }
```

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

Here you see how a box with a 4 pixel rgb(172, 210, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 210, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 210, 197);  
box-shadow:4px 4px 4px 4px rgb(172, 210,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 172, 210, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 210, 197) }
```

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

```
.background{ background-color: rgb(172,  
210, 197) }
```

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