Converting Colors

RGB(172, 197, 179)

Have a look what the booklet for RGB(172, 197, 179) contains.

Color

RGB(172, 197, 179)

Conversions

Conversions Part 1

Format	Color
Hex	ACC5B3
RGB	172, 197, 179
RGB Percent	67%, 77%, 70%
CMY	0.3255, 0.2275, 0.2980
CMYK	0.13, 0.00, 0.09, 0.23
HSL	137°, 18%, 72%
HSV	137°, 13%, 77%
XYZ	45.1162, 51.9578, 50.2988
YIQ	187.4730, -9.1220, -10.8980

Conversions

Conversions Part 2

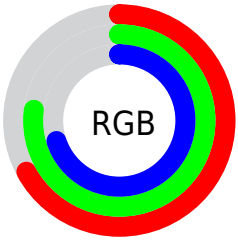
Format	Color
RYB	172, 192, 197
Decimal	11322803
CIELab	77.26, -11.93, 6.18
CIELCh	77, 13.436, 152.622
Yxy	51.9578, 0.3061, 0.3526
Android (android.graphics.Color)	4289512883 (0xFFACC5B3)
YUV	187.4730, -4.1772, -13.5698
Hunter-Lab	72.0818, -14.4195, 9.0846

Details

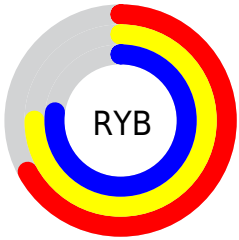
The RGB color 172, 197, 179 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 197, 172, 190, and the grayscale version is 188, 188, 188.

A 20% lighter version of the original color is 228, 254, 235, and 120, 143, 126 is the 20% darker color. If you saturate the color by 10%, you get 152, 197, 165, and if you desaturate by 10%, it is 192, 197, 193.

Distribution

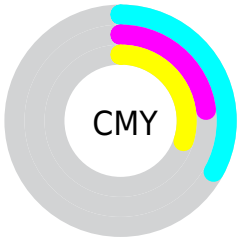


- Red (67%)
- Green (77%)
- Blue (70%)



- Red (67%)
- Yellow (75%)
- Blue (77%)

- Cyan (13%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)



- Cyan (33%)
- Magenta (23%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 197, 179 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, 197, 179 by changing the saturation by 10% instead.

172, 197, 179

255, 255, 255

228, 254, 235

172, 197, 179

145, 170, 152

120, 143, 126

95, 118, 101

71, 93, 77

48, 69, 55

26, 47, 33

2, 27, 11

0, 0, 0

172, 197, 179

172, 197, 179

152, 197, 165

133, 197, 151

113, 197, 136

93, 197, 122

74, 197, 108

54, 197, 94

34, 197, 80

14, 197, 66

0, 197, 55

192, 197, 193

211, 197, 207

231, 197, 222

251, 197, 236

255, 197, 250

255, 197, 255

Harmonies

Analogous

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

186, 194, 170

172, 197, 179

162, 198, 191

Triad

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

172, 197, 179

179, 191, 215

217, 183, 178

Complementary

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

172, 197, 179

197, 172, 190

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.

216, 182, 190

172, 197, 179

195, 187, 212

Square

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

172, 197, 179

166, 195, 212

208, 184, 202

211, 186, 169

Rectangle

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

172, 197, 179

159, 198, 200

208, 184, 202

218, 183, 182

Sweetspot

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

172, 197, 179

245, 255, 248

190, 197, 172

121, 128, 123

0, 0, 0

128, 128, 128

Same Dimension

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

172, 197, 179

217, 255, 227

172, 197, 191

90, 99, 92

0, 163, 46

0, 36, 10

Inverse Universe

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

197, 172, 190

255, 217, 244

197, 172, 178

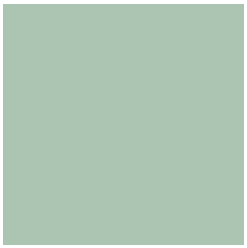
99, 90, 97

163, 0, 118

36, 0, 26

Previews

White Background

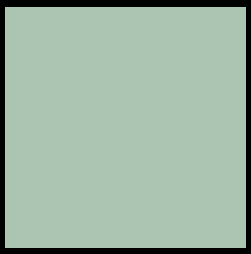


This preview shows how the RGB color 172, 197, 179 looks on a white background.

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



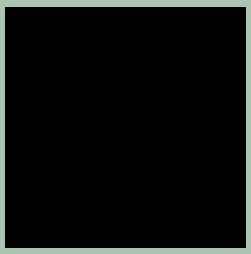
This preview shows how the RGB color 172, 197, 179 looks on a black background.

Color Contrast Check

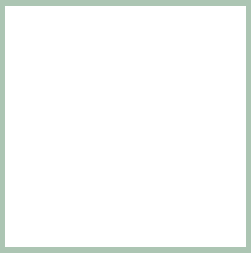
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 172, 197, 179 Background



This preview shows how black text looks on a background with the RGB color 172, 197, 179.



This preview shows how white text looks on a background with the RGB color 172, 197, 179.

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

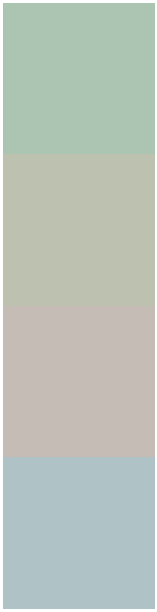
Original Color
172, 197, 179

Protanopia
197, 190, 175

Deuteranopia
212, 184, 182

Tritanopia
177, 193, 208

Trichromacy



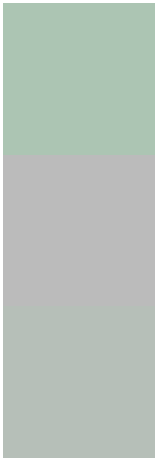
Original Color
172, 197, 179

Protanomaly
188, 193, 176

Deuteranomaly
197, 189, 181

Tritanomaly
175, 194, 197

Monochromacy



Original Color
172, 197, 179

Achromatopsia
187, 187, 187

Achromatomaly
182, 191, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 197, 179 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, 197, 179) looks like.

```
.text, #text, p{
    color:rgb(172, 197, 179)
}
```

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, 197, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 197, 179) }
```

Border

The CSS property to change the border of an element to RGB 172, 197, 179 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, 197, 179) }
```

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

```
.border{ border-color:rgb(172, 197, 179) }
```

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

Here you see how a box with a 4 pixel rgb(172, 197, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 197, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 197, 179); box-shadow:4px 4px 4px 4px rgb(172, 197, 179) }
```

Background

The CSS property to change the background color of an element to RGB 172, 197, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(172, 197, 179) }
```

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

```
.background{ background-color:rgb(172,
197, 179) }
```

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