Converting Colors

RGB(176, 197, 204)

Have a look what the booklet for RGB(176, 197, 204) contains.

Color

RGB(176, 197, 204)

Conversions

Conversions Part 1

Format	Color
Hex	B0C5CC
RGB	176, 197, 204
RGB Percent	69%, 77%, 80%
CMY	0.3098, 0.2275, 0.2000
CMYK	0.14, 0.03, 0.00, 0.20
HSL	195°, 22%, 75%
HSV	195°, 14%, 80%
XYZ	48.7698, 53.5222, 64.8871
YIQ	191.5190, -14.7630, -2.2750

Conversions

Conversions Part 2

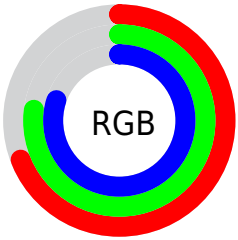
Format	Color
RYB	176, 188, 204
Decimal	11584972
CIELab	78.18, -5.67, -5.92
CIELCh	78, 8.197, 226.249
Yxy	53.5222, 0.2917, 0.3201
Android (android.graphics.Color)	4289775052 (0xFFB0C5CC)
YUV	191.5190, 6.1531, -13.6102
Hunter-Lab	73.1589, -9.0348, -1.3751

Details

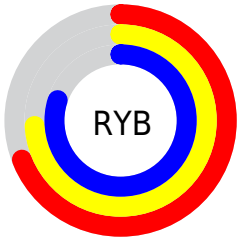
The RGB color 176, 197, 204 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 204, 183, 176, and the grayscale version is 191, 191, 191.

A 20% lighter version of the original color is 232, 254, 255, and 123, 143, 150 is the 20% darker color. If you saturate the color by 10%, you get 156, 192, 204, and if you desaturate by 10%, it is 196, 202, 204.

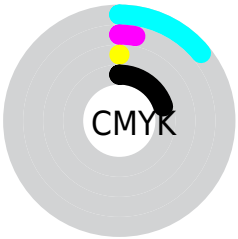
Distribution



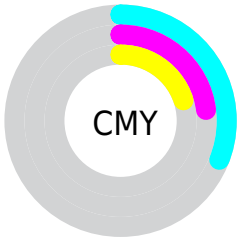
- Red (69%)
- Green (77%)
- Blue (80%)



- Red (69%)
- Yellow (74%)
- Blue (80%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 176, 197, 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 176, 197, 204 by changing the saturation by 10% instead.

176, 197, 204

255, 255, 255

232, 254, 255

176, 197, 204

149, 170, 177

123, 143, 150

98, 118, 124

74, 93, 99

51, 69, 75

29, 47, 53

7, 26, 32

0, 0, 7

0, 0, 0

176, 197, 204	176, 197, 204
156, 192, 204	196, 202, 204
135, 187, 204	217, 207, 204
115, 182, 204	237, 212, 204
94, 177, 204	255, 217, 204
74, 172, 204	255, 223, 204
54, 166, 204	255, 228, 204
33, 161, 204	255, 233, 204
13, 156, 204	255, 238, 204
0, 153, 204	255, 243, 204

Harmonies

Analogous

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

175, 198, 197

176, 197, 204

182, 195, 208

Triad

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

176, 197, 204

207, 189, 197

195, 194, 179

Complementary

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

176, 197, 204

204, 183, 176

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.

203, 192, 179

176, 197, 204

210, 188, 189

Square

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

176, 197, 204

200, 190, 204

209, 189, 183

186, 196, 183

Rectangle

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

176, 197, 204

188, 193, 208

209, 189, 183

198, 193, 178

Sweetspot

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

176, 197, 204

245, 252, 255

176, 204, 183

121, 126, 128

0, 0, 0

128, 128, 128

Same Dimension

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

176, 197, 204

214, 245, 255

176, 183, 204

92, 99, 102

0, 124, 166

0, 29, 38

Inverse Universe

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

204, 176, 197

255, 214, 245

204, 197, 176

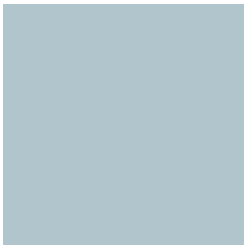
102, 92, 99

166, 0, 124

38, 0, 29

Previews

White Background

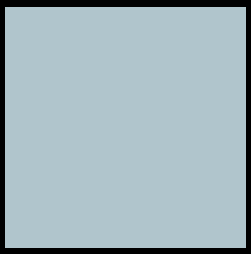


This preview shows how the RGB color 176, 197, 204 looks on a white background.

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



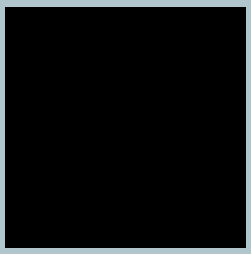
This preview shows how the RGB color 176, 197, 204 looks on a black background.

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 176, 197, 204 Background



This preview shows how black text looks on a background with the RGB color 176, 197, 204.

This preview shows how white text looks on a background with the RGB color 176, 197, 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

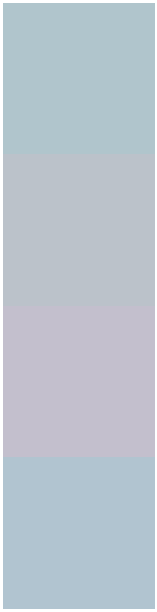
Original Color
176, 197, 204

Protanopia
194, 192, 201

Deuteranopia
206, 187, 206

Tritanopia
177, 196, 211

Trichromacy



Original Color
176, 197, 204

Protanomaly
187, 194, 202

Deuteranomaly
195, 191, 205

Tritanomaly
177, 196, 208

Monochromacy

Original Color
176, 197, 204

Achromatopsia
192, 192, 192

Achromatomaly
186, 194, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 197, 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(176, 197, 204) looks like.

```
.text, #text, p{
    color:rgb(176, 197, 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(176, 197, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 197, 204) }
```

Border

The CSS property to change the border of an element to RGB 176, 197, 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(176, 197, 204) }
```

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

```
.border{ border-color:rgb(176, 197, 204) }
```

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

Here you see how a box with a 4 pixel rgb(176, 197, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 197, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 197, 204); box-shadow:4px 4px 4px 4px rgb(176, 197, 204) }
```

Background

The CSS property to change the background color of an element to RGB 176, 197, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(176, 197, 204) }
```

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

```
.background{ background-color:rgb(176,
197, 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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