

Converting Colors

RGB(172, 178, 200)

Have a look what the booklet for
RGB(172, 178, 200) contains.

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Color

RGB(172, 178, 200)

Conversions

Conversions Part 1

Format	Color
Hex	ACB2C8
RGB	172, 178, 200
RGB Percent	67%, 70%, 78%
CMY	0.3255, 0.3020, 0.2157
CMYK	0.14, 0.11, 0.00, 0.22
HSL	227°, 20%, 73%
HSV	227°, 14%, 78%
XYZ	43.3590, 44.7816, 61.0020
YIQ	178.7140, -10.6380, 5.5700

Conversions

Conversions Part 2

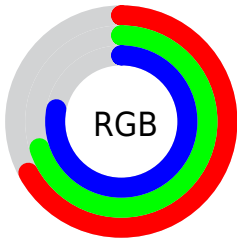
Format	Color
R _Y B	172, 177, 200
Decimal	11317960
CIE Lab	72.75, 2.37, -11.86
CIE LCh	73, 12.097, 281.290
Yxy	44.7816, 0.2907, 0.3003
Android (android.graphics.Color)	4289508040 (0xFFACB2C8)
YUV	178.7140, 10.4940, -5.8882
Hunter-Lab	66.9190, -1.4525, -7.2042

Details

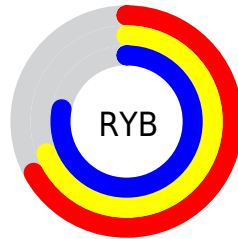
The RGB color **172, 178, 200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **200, 194, 172**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **228, 234, 255**, and **120, 125, 146** is the 20% darker color. If you saturate the color by 10%, you get **152, 162, 200**, and if you desaturate by 10%, it is **192, 194, 200**.

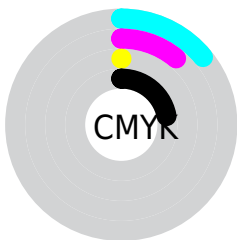
Distribution



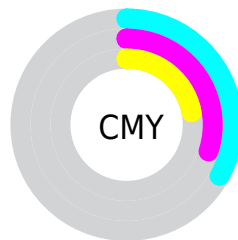
- Red (67%)
- Green (70%)
- Blue (78%)



- Red (67%)
- Yellow (69%)
- Blue (78%)



- Cyan (14%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 178, 200 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, 178, 200 by changing the saturation by 10% instead.

■ 172, 178, 200

255, 255, 255

■ 228, 234, 255

■ 172, 178, 200

■ 145, 151, 173

■ 120, 125, 146

■ 95, 101, 120

■ 71, 77, 96

■ 48, 54, 72

■ 26, 33, 49

■ 2, 9, 29

■ 0, 0, 0

■ 172, 178, 200

■ 172, 178, 200

■ 152, 162, 200

■ 192, 194, 200

■ 132, 147, 200

■ 212, 209, 200

■ 112, 131, 200

■ 232, 225, 200

■ 92, 115, 200

■ 252, 241, 200

■ 72, 99, 200

■ 255, 255, 200

■ 52, 84, 200

■ 32, 68, 200

■ 12, 52, 200

■ 0, 43, 200

Harmonies

Analogous

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



159, 182, 199



172, 178, 200



186, 174, 195

Triad

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



172, 178, 200



201, 172, 164



159, 185, 171

Complementary

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



172, 178, 200



200, 194, 172

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.



170, 182, 162



172, 178, 200



194, 175, 158

Square

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



172, 178, 200



202, 171, 175



183, 179, 157



152, 185, 182

Rectangle

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



172, 178, 200



194, 172, 189



183, 179, 157



162, 184, 168

Sweetspot

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



172, 178, 200



245, 247, 255



172, 200, 194



121, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



172, 178, 200



212, 221, 255



180, 172, 200



90, 92, 99



0, 35, 163



0, 8, 36

Inverse Universe

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



200, 172, 178



255, 212, 221



192, 200, 172



99, 90, 92



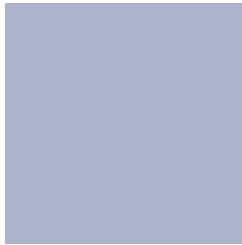
163, 0, 35



36, 0, 8

Previews

White Background



This preview shows how the RGB color 172, 178, 200 looks on a white background.

Color Contrast Check

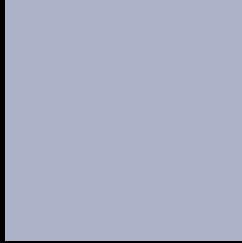
Large Text (above 18pt) WCAG AA × Fail

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, 178, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

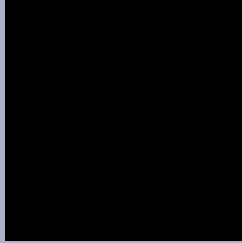
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

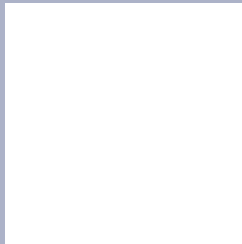
Any Text WCAG AAA ✓ Pass

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

RGB 172, 178, 200 Background



This preview shows how black text looks on a background with the RGB color 172, 178, 200.

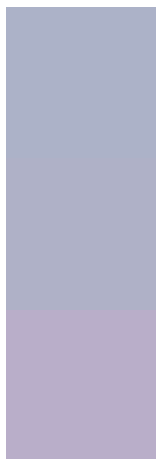


This preview shows how white text looks on a background with the RGB color 172, 178, 200.

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

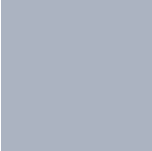
172, 178, 200

Protanopia

175, 177, 199

Deuteranopia

185, 174, 201



Tritanopia
171, 179, 193

Trichromacy



Original Color
172, 178, 200

Protanomaly
174, 177, 199

Deuteranomaly
180, 175, 201

Tritanomaly
171, 179, 196

Monochromacy



Original Color
172, 178, 200

Achromatopsia
179, 179, 179

Achromatomaly
176, 179, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 178, 200 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, 178, 200)` looks like.

```
.text, #text, p{  
    color:rgb(172, 178, 200)  
}
```

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, 178, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 178, 200) }
```

Border

The CSS property to change the border of an element to RGB 172, 178, 200 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, 178, 200) }
```

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

```
.border{ border-color:rgb(172, 178, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 178, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 178, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 178, 200);  
box-shadow:4px 4px 4px 4px rgb(172, 178,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 172, 178, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 178, 200) }
```

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

```
.background{ background-color: rgb(172,  
178, 200) }
```

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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