

Converting Colors

`RYB(177, 178, 197)`

Have a look what the booklet for RYB(177, 178, 197) contains.

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Color

R_YB(177, 178, 197)

Conversions

Conversions Part 1

Format	Color
Hex	B1B2C5
RGB	177, 178, 197
RGB Percent	69%, 70%, 77%
CMY	0.3059, 0.3018, 0.2275
CMYK	0.10, 0.10, 0.00, 0.23
HSL	237°, 15%, 73%
HSV	237°, 10%, 77%
XYZ	44.1404, 45.2401, 59.2291
YIQ	179.8670, -6.6950, 5.6970

Conversions

Conversions Part 2

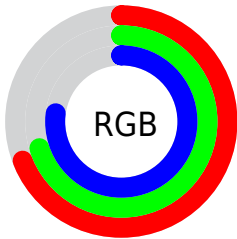
Format	Color
RYB	177, 178, 197
Decimal	11645637
CIELab	73.05, 3.37, -9.73
CIELCh	73, 10.295, 289.082
Yxy	45.2401, 0.2970, 0.3044
Android (android.graphics.Color)	4289835717 (0xFFB1B2C5)
YUV	179.8670, 8.4466, -2.5144
Hunter-Lab	67.2607, -0.5643, -5.1276

Details

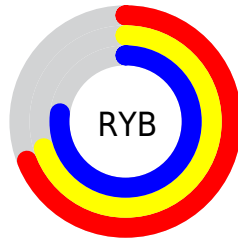
The RYB color **177, 178, 197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **178, 197, 177**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **233, 234, 254**, and **124, 125, 143** is the 20% darker color. If you saturate the color by 10%, you get **157, 159, 197**, and if you desaturate by 10%, it is **197, 197, 197**.

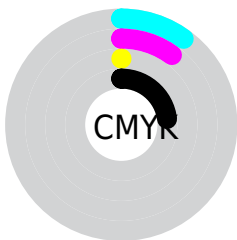
Distribution



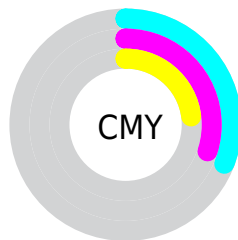
- Red (69%)
- Green (70%)
- Blue (77%)



- Red (69%)
- Yellow (70%)
- Blue (77%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (23%)



- Cyan (31%)
- Magenta (30%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 178, 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 RYB color 177, 178, 197 by changing the saturation by 10% instead.

■ 177, 178, 197

255, 255, 255

■ 233, 234, 254

■ 177, 178, 197

■ 150, 151, 170

■ 124, 125, 143

■ 99, 101, 118

■ 75, 77, 93

■ 53, 54, 69

■ 31, 33, 47

■ 9, 9, 26

■ 0, 0, 0

■ 177, 178, 197

■ 177, 178, 197

■ 157, 159, 197

■ 197, 197, 197

■ 138, 141, 197

■ 198, 216, 197

■ 118, 122, 197

■ 199, 236, 197

■ 98, 103, 197

■ 199, 255, 197

■ 79, 85, 197

■ 197, 255, 197

■ 59, 66, 197

■ 39, 47, 197

■ 19, 28, 197

■ 0, 10, 197

Harmonies

Analogous

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



166, 176, 198



177, 178, 197



188, 175, 192

Triad

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



177, 178, 197



198, 179, 165



161, 176, 185

Complementary

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



177, 178, 197



178, 197, 177

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.



167, 183, 180



177, 178, 197



187, 191, 161

Square

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



177, 178, 197



200, 173, 174



162, 181, 162



156, 171, 185

Rectangle

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



177, 178, 197



194, 174, 186



162, 181, 162



163, 178, 184

Sweetspot

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



177, 178, 197



247, 248, 255



177, 187, 197



122, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



177, 178, 197



224, 226, 255



186, 177, 197



90, 90, 99



0, 9, 163



0, 2, 36

Inverse Universe

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



197, 177, 178



255, 224, 226



177, 197, 186



99, 90, 90



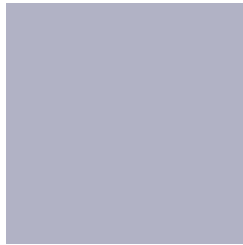
163, 0, 9



36, 0, 2

Previews

White Background



This preview shows how the RYB color 177, 178, 197 looks on a white background.

Color Contrast Check

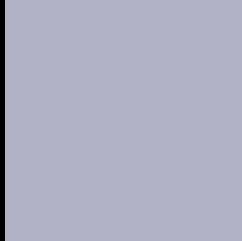
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 177, 178, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

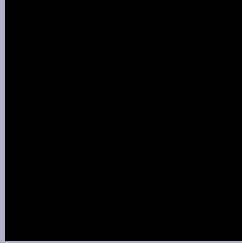
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

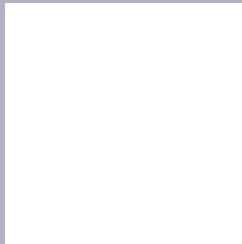
Any Text WCAG AAA ✓ Pass

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

R Y B 177, 178, 197 Background



This preview shows how black text looks on a background with the R Y B color 177, 178, 197.



This preview shows how white text looks on a background with the R Y B color 177, 178, 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](#).

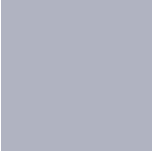
Dichromacy



Original Color
177, 178, 197

Protanopia
177, 178, 197

Deuteranopia
188, 174, 198



Tritanopia
176, 179, 193

Trichromacy



Original Color
177, 178, 197

Protanomaly
177, 178, 197

Deuteranomaly
184, 175, 198

Tritanomaly
176, 179, 194

Monochromacy



Original Color
177, 178, 197

Achromatopsia
180, 180, 180

Achromatomaly
179, 179, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 178, 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(177, 178, 197) looks like.

```
.text, #text, p{  
    color:rgb(177, 178, 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(177, 178, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 178, 197) }
```

Border

The CSS property to change the border of an element to RYB 177, 178, 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(177, 178, 197) }
```

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

```
.border{ border-color:rgb(177, 178, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 178, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 178, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 178, 197);  
box-shadow:4px 4px 4px 4px rgb(177, 178,  
197) }
```

Background

The CSS property to change the background color of an element to RYB 177, 178, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 178, 197) }
```

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

```
.background{ background-color: rgb(177,  
178, 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](#).

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