

Converting Colors

`RYB(177, 168, 183)`

Have a look what the booklet for
RYB(177, 168, 183) contains.

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Color

R_YB(177, 168, 183)

Conversions

Conversions Part 1

Format	Color
Hex	B1A8B7
RGB	177, 168, 183
RGB Percent	69%, 66%, 72%
CMY	0.3059, 0.3412, 0.2824
CMYK	0.03, 0.08, 0.00, 0.28
HSL	276°, 9%, 69%
HSV	276°, 8%, 72%
XYZ	40.6813, 40.7713, 50.5253
YIQ	172.4010, 0.5490, 6.5730

Conversions

Conversions Part 2

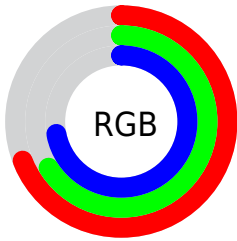
Format	Color
RYB	177, 168, 183
Decimal	11643063
CIELab	70.02, 6.05, -6.54
CIELCh	70, 8.909, 312.806
Yxy	40.7713, 0.3082, 0.3089
Android (android.graphics.Color)	4289833143 (0xFFB1A8B7)
YUV	172.4010, 5.2253, 4.0333
Hunter-Lab	63.8524, 1.9834, -2.2184

Details

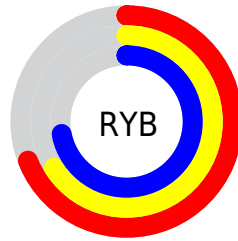
The RYB color **177, 168, 183** is a light color, and the websafe version is hex **999999**. A complement of this color would be **168, 183, 177**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **233, 223, 239**, and **124, 116, 130** is the 20% darker color. If you saturate the color by 10%, you get **170, 150, 183**, and if you desaturate by 10%, it is **183, 186, 185**.

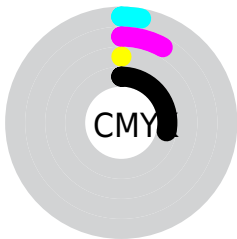
Distribution



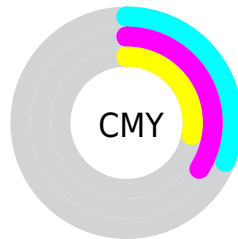
- Red (69%)
- Green (66%)
- Blue (72%)



- Red (69%)
- Yellow (66%)
- Blue (72%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (28%)



- Cyan (31%)
- Magenta (34%)
- Yellow (28%)
- Black (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 168, 183 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, 168, 183 by changing the saturation by 10% instead.

■ 177, 168, 183

255, 255, 255

■ 233, 223, 239

■ 255, 252, 255

■ 177, 168, 183

■ 150, 142, 156

■ 124, 116, 130

■ 99, 91, 105

■ 76, 68, 81

■ 53, 46, 58

■ 32, 25, 36

■ 8, 0, 15

■ 0, 0, 0

■ 177, 168, 183

■ 177, 168, 183

170, 150, 183

183, 186, 185

162, 131, 183

183, 205, 196

155, 113, 183

183, 223, 207

148, 95, 183

183, 241, 218

140, 76, 183

183, 255, 224

133, 58, 183

183, 255, 217

126, 40, 183

183, 255, 210

118, 22, 183

183, 255, 202

111, 3, 183

183, 255, 195

Harmonies

Analogous

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



167, 170, 187



177, 168, 183



185, 166, 176

Triad

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



177, 168, 183



182, 182, 156



152, 165, 176

Complementary

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



177, 168, 183



168, 183, 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.



156, 169, 176



177, 168, 183



157, 174, 155

Square

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



177, 168, 183



188, 169, 160



159, 174, 168



152, 165, 182

Rectangle

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



177, 168, 183



188, 166, 171



159, 174, 168



153, 166, 176

Sweetspot

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



177, 168, 183



235, 232, 237



168, 172, 183



119, 117, 120



247, 247, 247



120, 120, 120

Same Dimension

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



177, 168, 183



228, 213, 237



183, 168, 182



88, 83, 92



93, 0, 156



17, 0, 28

Inverse Universe

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



183, 168, 174



237, 213, 223



168, 181, 183



92, 83, 86



156, 0, 62



28, 0, 11

Previews

White Background



This preview shows how the RYB color 177, 168, 183 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, 168, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

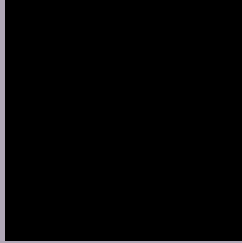
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

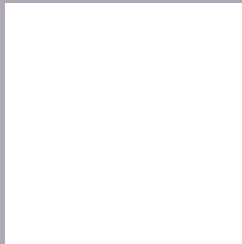
Any Text WCAG AAA ✓ Pass

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

RYB 177, 168, 183 Background



This preview shows how black text looks on a background with the RYB color 177, 168, 183.

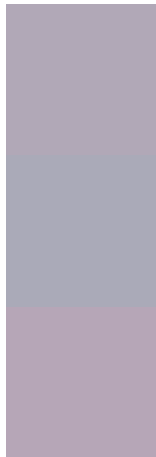


This preview shows how white text looks on a background with the RYB color 177, 168, 183.

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, 168, 183

Protanopia
170, 170, 184

Deuteranopia
182, 166, 183



Tritanopia
177, 168, 182

Trichromacy



Original Color
177, 168, 183

Protanomaly
173, 169, 184

Deuteranomaly
180, 167, 183

Tritanomaly
177, 168, 182

Monochromacy



Original Color
177, 168, 183

Achromatopsia
172, 172, 172

Achromatomaly
174, 171, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 168, 183 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, 168, 183) looks like.

```
.text, #text, p{  
    color:rgb(177, 168, 183)  
}
```

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, 168, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 168, 183) }
```

Border

The CSS property to change the border of an element to RYB 177, 168, 183 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, 168, 183) }
```

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

```
.border{ border-color:rgb(177, 168, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 168, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 168, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 168, 183);  
box-shadow:4px 4px 4px 4px rgb(177, 168,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 177, 168, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 168, 183) }
```

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

```
.background{ background-color: rgb(177,  
168, 183) }
```

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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