

# Converting Colors

`RYB(195, 177, 193)`

Have a look what the booklet for RYB(195, 177, 193) contains.

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# Color

**R<sub>Y</sub>B(195, 177, 193)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3B1C1
RGB	195, 177, 193
RGB Percent	76%, 69%, 76%
CMY	0.2353, 0.3059, 0.2431
CMYK	0.00, 0.09, 0.01, 0.24
HSL	307°, 13%, 73%
HSV	307°, 9%, 76%
XYZ	47.8535, 46.8966, 56.9819
YIQ	184.2060, 5.5920, 8.7920

# Conversions

## Conversions Part 2

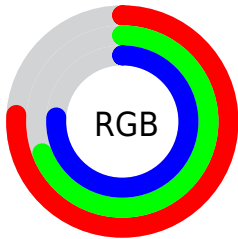
Format	Color
<a href="#">RYB</a>	<a href="#">195, 177, 193</a>
Decimal	<a href="#">12825025</a>
CIELab	<a href="#">74.12, 9.30, -5.79</a>
CIELCh	<a href="#">74, 10.955, 328.119</a>
Yxy	<a href="#">46.8966, 0.3154, 0.3091</a>
Android (android.graphics.Color)	<a href="#">4291015105</a> ( <a href="#">0xFFC3B1C1</a> )
YUV	<a href="#">184.2060, 4.3354, 9.4663</a>
Hunter-Lab	<a href="#">68.4811, 4.8908, -1.3973</a>

# Details

The RYB color **195, 177, 193** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **177, 193, 195**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **252, 233, 249**, and **141, 124, 140** is the 20% darker color. If you saturate the color by 10%, you get **195, 158, 191**, and if you desaturate by 10%, it is **195, 196, 196**.

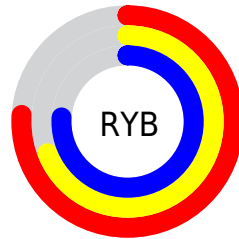
# Distribution



Red (76%)

Green (69%)

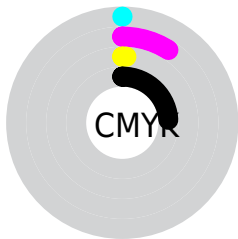
Blue (76%)



Red (76%)

Yellow (69%)

Blue (76%)

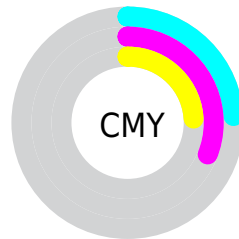


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (24%)



Cyan (24%)

Magenta (31%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 195, 177, 193 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 195, 177, 193 by changing the saturation by 10% instead.



■ 195, 177, 193

255, 255, 255

■ 252, 233, 249

■ 195, 177, 193

■ 168, 150, 166

■ 141, 124, 140

■ 116, 99, 114

■ 91, 76, 90

■ 67, 53, 66

■ 45, 32, 44

■ 25, 8, 24

■ 0, 0, 0

■ 195, 177, 193

■ 195, 177, 193

195, 158, 191

195, 196, 196

195, 138, 189

195, 214, 216

195, 119, 187

195, 232, 236

195, 99, 184

195, 249, 255

195, 79, 182

195, 247, 255

195, 60, 180

195, 246, 255

195, 41, 178

195, 244, 255

195, 21, 176

195, 243, 255

195, 2, 174

195, 242, 255

# Harmonies

## Analogous

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



184, 180, 200



195, 177, 193



202, 176, 183

# Triad

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



195, 177, 193



177, 191, 162



157, 173, 191

# Complementary

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



195, 177, 193



177, 193, 195

# 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.



160, 176, 188



195, 177, 193



164, 185, 169

# Square

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



195, 177, 193



200, 186, 165



169, 185, 187



161, 176, 199

# Rectangle

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



195, 177, 193



204, 176, 176



169, 185, 187



157, 173, 188

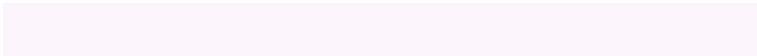


# Sweetspot

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



195, 177, 193



252, 245, 252



179, 177, 195



128, 122, 127



0, 0, 0



128, 128, 128



# Same Dimension

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



195, 177, 193



252, 225, 249



195, 177, 184



97, 87, 96



161, 0, 143



33, 0, 29



# Inverse Universe

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



195, 177, 193



252, 225, 249



177, 188, 195



97, 87, 96



161, 0, 143



33, 0, 29



# Previews

## White Background



This preview shows how the RYB color 195, 177, 193 looks on a white background.

## Color Contrast Check

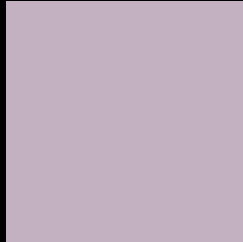
Large Text (above 18pt) WCAG AA × Fail

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 195, 177, 193 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

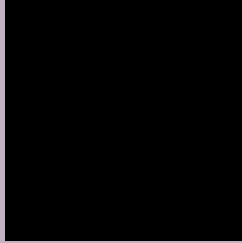
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RYB 195, 177, 193 Background



This preview shows how black text looks on a background with the RYB color 195, 177, 193.



This preview shows how white text looks on a background with the RYB color 195, 177, 193.

# 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**  
195, 177, 193

**Protanopia**  
182, 181, 196

**Deuteranopia**  
195, 177, 193



**Tritanopia**  
195, 177, 191

# Trichromacy



**Original Color**  
195, 177, 193

**Protanomaly**  
187, 180, 195

**Deuteranomaly**  
195, 177, 193

**Tritanomaly**  
195, 177, 192

# Monochromacy



**Original Color**  
195, 177, 193

**Achromatopsia**  
184, 184, 184

**Achromatomaly**  
188, 181, 187

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 195, 177, 193 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(195, 177, 193)` looks like.

```
.text, #text, p{  
    color:rgb(195, 177, 193)  
}
```

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(195, 177, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 177, 193) }
```

## Border

The CSS property to change the border of an element to RYB 195, 177, 193 is called "border". The border property can be set on classes, ids or directly on the HTML element.

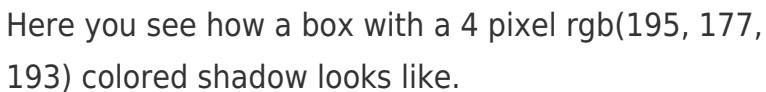
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 177, 193) }
```

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

```
.border{ border-color:rgb(195, 177, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 177, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 177, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 177, 193); box-shadow:4px 4px 4px 4px rgb(195, 177, 193) }
```

# Background

The CSS property to change the background color of an element to RYB 195, 177, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 177, 193) }
```

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

```
.background{ background-color: rgb(195,  
177, 193) }
```

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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