

Converting Colors

`RYB(197, 173, 201)`

Have a look what the booklet for
RYB(197, 173, 201) contains.

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Color

R_YB(197, 173, 201)

Conversions

Conversions Part 1

Format	Color
Hex	C5ADC9
RGB	197, 173, 201
RGB Percent	77%, 68%, 79%
CMY	0.2275, 0.3216, 0.2118
CMYK	0.02, 0.14, 0.00, 0.21
HSL	291°, 21%, 73%
HSV	291°, 14%, 79%
XYZ	48.5121, 45.9745, 61.5754
YIQ	183.3680, 5.3160, 13.7960

Conversions

Conversions Part 2

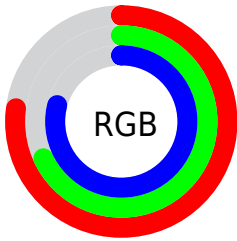
Format	Color
RYB	197, 173, 201
Decimal	12955081
CIELab	73.53, 13.68, -11.03
CIELCh	74, 17.575, 321.124
Yxy	45.9745, 0.3109, 0.2946
Android (android.graphics.Color)	4291145161 (0xFFC5ADC9)
YUV	183.3680, 8.6926, 11.9553
Hunter-Lab	67.8045, 9.0537, -6.3800

Details

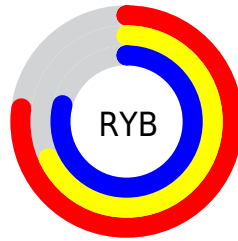
The RYB color **197, 173, 201** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **173, 201, 197**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **254, 228, 255**, and **143, 121, 147** is the 20% darker color. If you saturate the color by 10%, you get **194, 153, 201**, and if you desaturate by 10%, it is **200, 193, 201**.

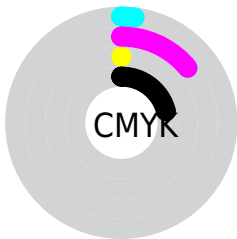
Distribution



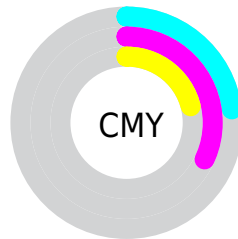
- Red (77%)
- Green (68%)
- Blue (79%)



- Red (77%)
- Yellow (68%)
- Blue (79%)



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)
- Black (21%)



- Cyan (23%)
- Magenta (32%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 173, 201 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 197, 173, 201 by changing the saturation by 10% instead.

 197, 173, 201

255, 255, 255


 254, 228, 255

 197, 173, 201

 170, 146, 174

 143, 121, 147

 117, 96, 121


 93, 72, 96


 69, 49, 73

 46, 28, 50

 27, 3, 29

 0, 0, 0

 197, 173, 201

 197, 173, 201

194, 153, 201

200, 193, 201

191, 133, 201

201, 213, 211

188, 113, 201

201, 233, 228

186, 93, 201

201, 253, 246

183, 73, 201

201, 255, 245

180, 52, 201

201, 255, 242

177, 32, 201

201, 255, 239

174, 12, 201

201, 255, 236

172, 0, 201

201, 255, 233

Harmonies

Analogous

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



177, 178, 211



197, 173, 201



210, 170, 186

Triad

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



197, 173, 201



183, 198, 149



138, 164, 192

Complementary

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



197, 173, 201



173, 201, 197

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.



147, 173, 190



197, 173, 201



150, 183, 152

Square

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



197, 173, 201



210, 181, 156



160, 187, 184



142, 169, 205

Rectangle

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



197, 173, 201



214, 169, 175



160, 187, 184



140, 166, 190

Sweetspot

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



197, 173, 201



254, 245, 255



173, 177, 201



127, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



197, 173, 201



249, 212, 255



201, 173, 191



98, 90, 99



140, 0, 163



31, 0, 36

Inverse Universe

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



201, 173, 177



255, 212, 218



173, 194, 201



99, 90, 91



163, 0, 23



36, 0, 5

Previews

White Background



This preview shows how the RYB color 197, 173, 201 looks on a white background.

Color Contrast Check

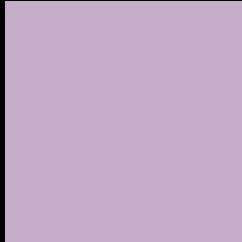
Large Text (above 18pt) WCAG AA × Fail

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 197, 173, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

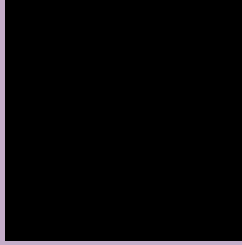
Any Text WCAG AA ✓ Pass

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 197, 173, 201 Background



This preview shows how black text looks on a background with the RYB color 197, 173, 201.

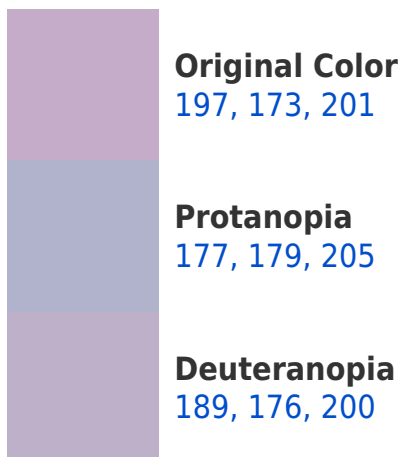



This preview shows how white text looks on a background with the RYB color 197, 173, 201.

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





Tritanopia
195, 175, 189

Trichromacy



Original Color
197, 173, 201

Protanomaly
184, 177, 204

Deuteranomaly
192, 175, 200

Tritanomaly
196, 174, 193

Monochromacy



Original Color
197, 173, 201

Achromatopsia
183, 183, 183

Achromatomaly
188, 179, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 173, 201 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(197, 173, 201) looks like.

```
.text, #text, p{  
    color:rgb(197, 173, 201)  
}
```

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(197, 173, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 173, 201) }
```

Border

The CSS property to change the border of an element to RYB 197, 173, 201 is called "border". The border property can be set on classes, ids or directly on the HTML element.

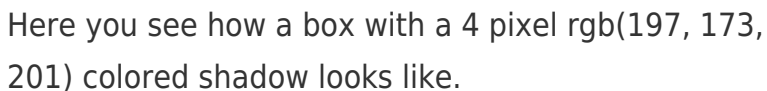
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 173, 201) }
```

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

```
.border{ border-color:rgb(197, 173, 201) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 173, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 173, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 173, 201); box-shadow:4px 4px 4px 4px rgb(197, 173, 201) }
```

Background

The CSS property to change the background color of an element to RYB 197, 173, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 173, 201) }
```

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

```
.background{ background-color: rgb(197,  
173, 201) }
```

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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