

# Converting Colors

RGB(197, 109, 173)

Have a look what the booklet for  
RGB(197, 109, 173) contains.

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# **Color**

**RGB(197, 109, 173)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C56DAD
RGB	197, 109, 173
RGB Percent	77%, 43%, 68%
CMY	0.2275, 0.5725, 0.3216
CMYK	0.00, 0.45, 0.12, 0.23
HSL	316°, 43%, 60%
HSV	316°, 45%, 77%
XYZ	36.0374, 25.8247, 42.6205
YIQ	142.6080, 31.9040, 38.5600

# Conversions

## Conversions Part 2

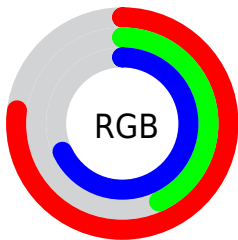
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 109, 173
Decimal	12938669
CIELab	57.87, 43.48, -18.94
CIELCh	58, 47.428, 336.464
Yxy	25.8247, 0.3449, 0.2472
Android (android.graphics.Color)	4291128749 (0xFFC56DAD)
YUV	142.6080, 14.9833, 47.7018
Hunter-Lab	50.8180, 37.6511, -14.1532

# Details

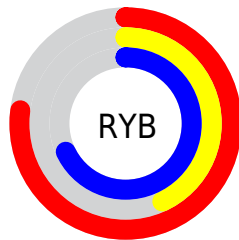
The RGB color **197, 109, 173** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **109, 197, 133**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **255, 163, 229**, and **141, 57, 121** is the 20% darker color. If you saturate the color by 10%, you get **197, 89, 168**, and if you desaturate by 10%, it is **197, 129, 178**.

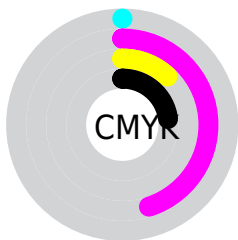
# Distribution



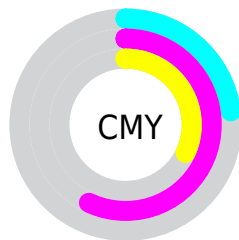
- Red (77%)
- Green (43%)
- Blue (68%)



- Red (77%)
- Yellow (43%)
- Blue (68%)



- Cyan (0%)
- Magenta (45%)
- Yellow (12%)
- Black (23%)



- Cyan (23%)
- Magenta (57%)
- Yellow (32%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 197, 109, 173 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 197, 109, 173 by changing the saturation by 10% instead.



 197, 109, 173

255, 255, 255

 255, 163, 229


 255, 190, 255

 255, 219, 255

 255, 248, 255

 197, 109, 173


 169, 83, 146

 141, 57, 121


 114, 31, 96

 88, 0, 72

 63, 0, 49

 41, 0, 28

 0, 0, 0

 197, 109, 173

 197, 89, 168

 197, 109, 173

 197, 129, 178

197, 70, 162

197, 148, 184

197, 50, 157

197, 168, 189

197, 30, 152

197, 188, 194

197, 11, 146

197, 208, 200

197, 0, 143

197, 227, 205

197, 247, 211

197, 255, 216

197, 255, 221

# Harmonies

## Analogous

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



154, 124, 206



197, 109, 173



216, 103, 132

# Triad

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



197, 109, 173



154, 140, 52



0, 158, 187

# Complementary

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



197, 109, 173



109, 197, 133

# 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.



0, 160, 147



197, 109, 173



110, 151, 69

# Square

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



197, 109, 173



189, 125, 62



47, 157, 104



0, 152, 215

# Rectangle

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



197, 109, 173



215, 106, 104



47, 157, 104



0, 159, 175



# Sweetspot

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



197, 109, 173



255, 222, 246



132, 109, 197



128, 107, 122



0, 0, 0



128, 128, 128



# Same Dimension

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



197, 109, 173



255, 117, 217



197, 109, 130



99, 90, 97



163, 0, 119



36, 0, 26



# Inverse Universe

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



197, 109, 173



255, 117, 217



109, 197, 176



99, 90, 97



163, 0, 119



36, 0, 26



# Previews

## White Background



This preview shows how the RGB color 197, 109, 173 looks on a white background.

## Color Contrast Check

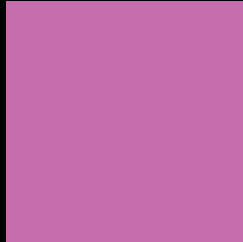
Large Text (above 18pt) WCAG AA ✓ Pass

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 197, 109, 173 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

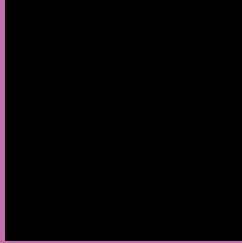
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RGB 197, 109, 173 Background



This preview shows how black text looks on a background with the RGB color 197, 109, 173.

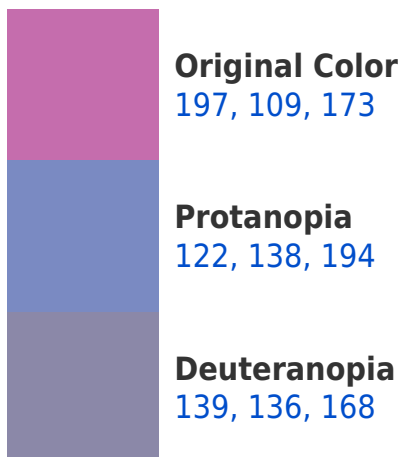


This preview shows how white text looks on a background with the RGB color 197, 109, 173.

# 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**  
192, 118, 127

# Trichromacy



**Original Color**

197, 109, 173



**Protanomaly**

149, 127, 186



**Deuteranomaly**

160, 126, 170



**Tritanomaly**

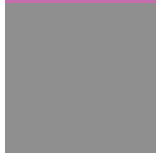
194, 115, 144

# Monochromacy



**Original Color**

197, 109, 173



**Achromatopsia**

143, 143, 143



**Achromatomaly**

163, 131, 154

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 197, 109, 173 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, 109, 173)` looks like.

```
.text, #text, p{  
    color:rgb(197, 109, 173)  
}
```

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, 109, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 109, 173) }
```

## Border

The CSS property to change the border of an element to RGB 197, 109, 173 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, 109, 173) }
```

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

```
.border{ border-color:rgb(197, 109, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 109, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 109, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 109, 173);  
box-shadow:4px 4px 4px 4px rgb(197, 109,  
173) }
```

# Background

The CSS property to change the background color of an element to RGB 197, 109, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 109, 173) }
```

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

```
.background{ background-color: rgb(197,  
109, 173) }
```

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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