

# Converting Colors

Hex(C79177)

Have a look what the booklet for  
Hex(C79177) contains.

<b>Hex(C79177)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(C79177)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C79177
RGB	199, 145, 119
RGB Percent	78%, 57%, 47%
CMY	0.2196, 0.4314, 0.5333
CMYK	0.00, 0.27, 0.40, 0.22
HSL	19°, 42%, 62%
HSV	19°, 40%, 78%
XYZ	37.0084, 33.7248, 22.0118
YIQ	158.1820, 40.5300, 3.3620

# Conversions

## Conversions Part 2

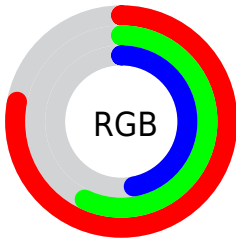
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 158, 119
Decimal	13078903
CIELab	64.74, 17.08, 21.83
CIELCh	65, 27.718, 51.968
Yxy	33.7248, 0.3990, 0.3636
Android (android.graphics.Color)	4291268983 (0xFFC79177)
YUV	158.1820, -19.3167, 35.7974
Hunter-Lab	58.0731, 12.1252, 18.1781

# Details

The Hex color **C79177** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **77ADC7**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFC7AB**, and **8F5E46** is the 20% darker color. If you saturate the color by 10%, you get **C78463**, and if you desaturate by 10%, it is **C79E8B**.

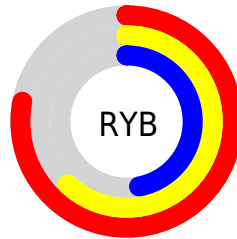
# Distribution



Red (78%)

Green (57%)

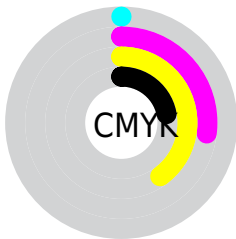
Blue (47%)



Red (78%)

Yellow (62%)

Blue (47%)

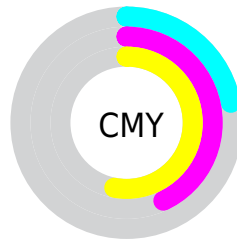


Cyan (0%)

Magenta (27%)

Yellow (40%)

Black (22%)



Cyan (22%)

Magenta (43%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C79177 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 Hex color C79177 by changing the saturation by 10% instead.



 C79177

FFFFFF

 FFC7AB

 FFE3C7

 FFFFFE3

 C79177

 AB775E

 8F5E46

 744630

 5A301A

 411A01

 280300

 000000

 C79177

 C78463

 C79177

 C79E8B

 C7764F

 C7AC9F

 C7693B

 C7B9B3

 C75B27

 C7C7C7

 C74E14

 C7D4DB

 C74100

 C7E2EE

 C7EFFF

 C7FCFF

 C7FFFF

# Harmonies

## Analogous

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



CF8B8C



C79177



B5996C

# Triad

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



C79177



63AA95



9799CB

# Complementary

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



C79177



77ADC7

# 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.



73A1CE



C79177



50ABAF

# Square

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



C79177



7FA77E



55A8C3



B691BC

# Rectangle

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



C79177



A59F6C



55A8C3



8C9CCD

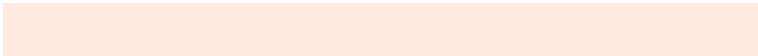


# Sweetspot

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



C79177



FFEAE0



C777AE



80736E



000000



808080



# Same Dimension

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



C79177



FFAC85



C7B877



635D5A



A33500



240C00

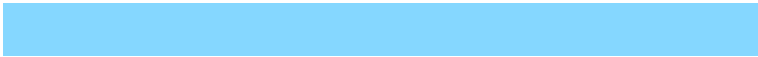


# Inverse Universe

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



77ADC7



85D7FF



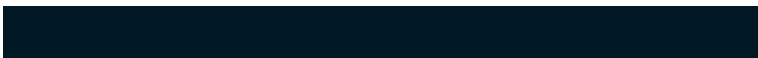
7786C7



5A6063



006EA3



001824



# Previews

## White Background



This preview shows how the Hex color C79177 looks on a white background.

## Color Contrast Check

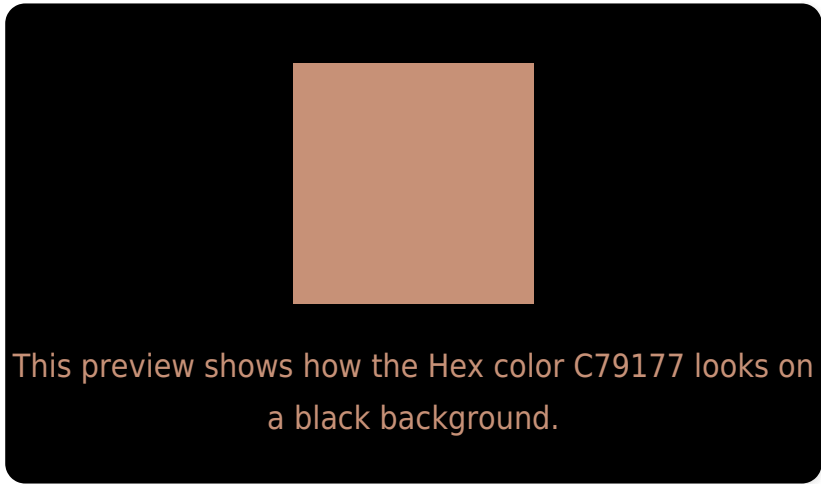
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

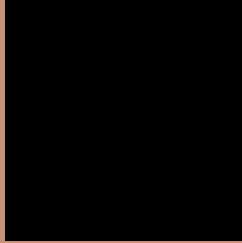
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C79177 Background



This preview shows how black text looks on a background with the Hex color C79177.

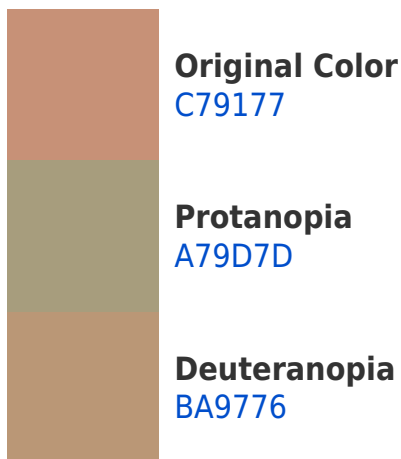


This preview shows how white text looks on a background with the Hex color C79177.

# 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**  
CA8D97

# Trichromacy



**Original Color**  
C79177

**Protanomaly**  
B3997B

**Deuteranomaly**  
BF9576

**Tritanomaly**  
C98E8B

# Monochromacy



**Original Color**  
C79177

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
AD9990

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C79177 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 #C79177 looks like.

```
.text, #text, p{  
    color:#C79177  
}
```

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 #C79177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C79177  
}
```

## Border

The CSS property to change the border of an element to Hex C79177 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  
#C79177 }
```

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

```
.border{ border-color:#C79177 }
```

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

Here you see how a box with a 4 pixel #C79177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C79177; -webkit-box-shadow:4px 4px  
4px 4px #C79177; box-shadow:4px 4px 4px  
4px #C79177 }
```

# Background

The CSS property to change the background color of an element to Hex C79177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C79177 }
```

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

```
.background{ background-color:#C79177 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor