

# Converting Colors

Hex(C17F8D)

Have a look what the booklet for  
Hex(C17F8D) contains.

<b>Hex(C17F8D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C17F8D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C17F8D
RGB	193, 127, 141
RGB Percent	76%, 50%, 55%
CMY	0.2431, 0.5020, 0.4471
CMYK	0.00, 0.34, 0.27, 0.24
HSL	347°, 35%, 63%
HSV	347°, 34%, 76%
XYZ	34.3894, 28.4393, 28.8761
YIQ	148.3300, 34.8420, 18.3460

# Conversions

## Conversions Part 2

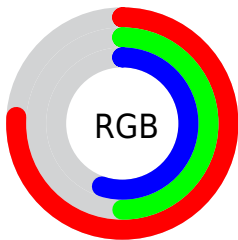
Format	Color
<b>R<sub>YB</sub></b>	193, 127, 141
Decimal	12681101
CIE <sub>Lab</sub>	60.28, 27.48, 3.03
CIE <sub>LCh</sub>	60, 27.644, 6.287
Yxy	28.4393, 0.3750, 0.3101
Android (android.graphics.Color)	4290871181 (0xFFC17F8D)
YUV	148.3300, -3.6137, 39.1756
Hunter-Lab	53.3285, 21.7826, 5.2258

# Details

The Hex color **C17F8D** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **7FC1B3**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FBB4C3**, and **8A4D5B** is the 20% darker color. If you saturate the color by 10%, you get **C16C7E**, and if you desaturate by 10%, it is **C1929C**.

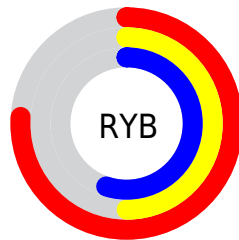
# Distribution



Red (76%)

Green (50%)

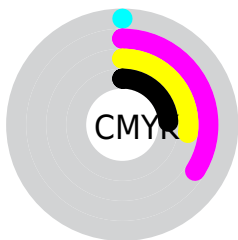
Blue (55%)



Red (76%)

Yellow (50%)

Blue (55%)

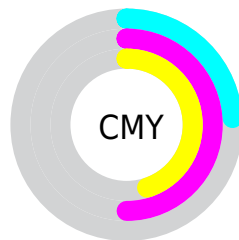


Cyan (0%)

Magenta (34%)

Yellow (27%)

Black (24%)



Cyan (24%)

Magenta (50%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C17F8D 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 C17F8D by changing the saturation by 10% instead.



 C17F8D

 C17F8D

FFFFFF

 A56574

 FBB4C3

 8A4D5B

 FFD0DE

 6F3544

 FFEDFB

 551E2D

 3C0619

 290001

 000000

 C17F8D

 C17F8D

 C16C7E

 C1929C

 C1586F

 C1A6AB

 C1455F

 C1B9BB

 C13250

 C1CCCA

 C11E41

 C1E0D9

 C10B32

 C1F3E8

 C10029

 C1FFF7

 C1FFFF

# Harmonies

## Analogous

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



B582A5



C17F8D



C08276

# Triad

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



C17F8D



839869



5599BD

# Complementary

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



C17F8D



7FC1B3

# 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.



419EAD



C17F8D



669D7D

# Square

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



C17F8D



9D9161



4C9F96



7992C1

# Rectangle

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



C17F8D



B8876A



4C9F96



4C9BB9

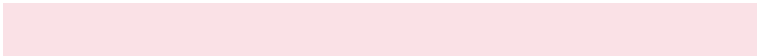


# Sweetspot

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



C17F8D



FAE1E6



B37FC1



7D6E71



FCFCFC



7D7D7D



# Same Dimension

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



C17F8D



FA93A9



C1927F



615759



A10022



210007



# Inverse Universe

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



C17F8D



FA93A9



7FAEC1



615759



A10022

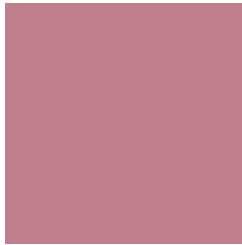


210007



# Previews

## White Background



This preview shows how the Hex color C17F8D looks on a white background.

## Color Contrast Check

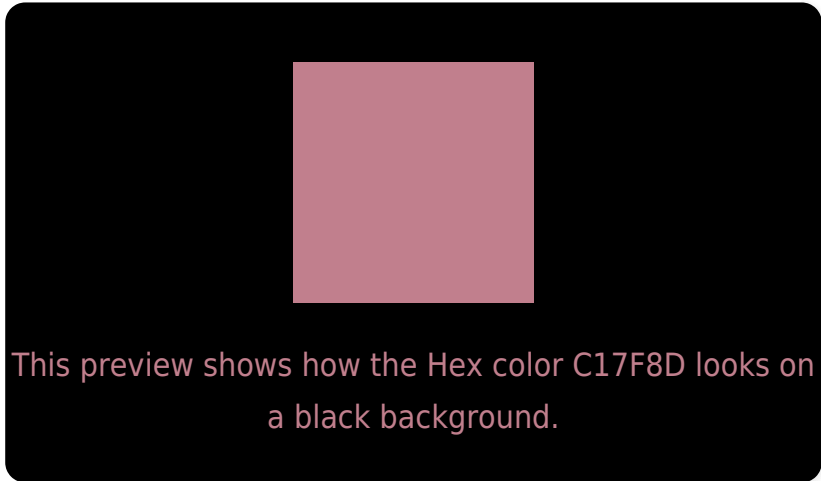
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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](#).



## Hex C17F8D Background



This preview shows how black text looks on a background with the Hex color C17F8D.



This preview shows how white text looks on a background with the Hex color C17F8D.

# 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**  
C18089

# Trichromacy



**Original Color**  
C17F8D

**Protanomaly**  
A48A93

**Deuteranomaly**  
AD888C

**Tritanomaly**  
C1808A

# Monochromacy



**Original Color**  
C17F8D

**Achromatopsia**  
949494

**Achromatomaly**  
A48C91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C17F8D 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 #C17F8D looks like.

```
.text, #text, p{  
    color:#C17F8D  
}
```

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 #C17F8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C17F8D
}
```

## Border

The CSS property to change the border of an element to Hex C17F8D is called "border". The border property can be set on classes, ids or directly on the HTML element.

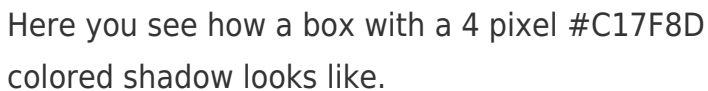
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C17F8D }
```

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

```
.border{ border-color:#C17F8D }
```

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



Here you see how a box with a 4 pixel #C17F8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C17F8D; -webkit-box-shadow:4px 4px  
4px 4px #C17F8D; box-shadow:4px 4px 4px  
4px #C17F8D }
```

# Background

The CSS property to change the background color of an element to Hex C17F8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C17F8D }
```

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

```
.background{ background-color:#C17F8D }
```

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