

# Converting Colors

Hex(C17AB8)

Have a look what the booklet for  
Hex(C17AB8) contains.

<b>Hex(C17AB8)</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(C17AB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C17AB8
RGB	193, 122, 184
RGB Percent	76%, 48%, 72%
CMY	0.2431, 0.5216, 0.2784
CMYK	0.00, 0.37, 0.05, 0.24
HSL	308°, 36%, 62%
HSV	308°, 37%, 76%
XYZ	37.6036, 28.7172, 48.9085
YIQ	150.2970, 22.4140, 34.3340

# Conversions

## Conversions Part 2

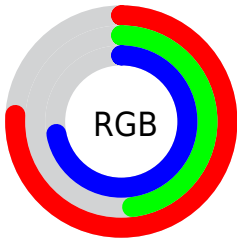
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	193, 122, 184
Decimal	12679864
CIE Lab	60.53, 37.18, -21.22
CIE LCh	61, 42.810, 330.287
Yxy	28.7172, 0.3263, 0.2492
Android (android.graphics.Color)	4290869944 (0xFFC17AB8)
YUV	150.2970, 16.6156, 37.4505
Hunter-Lab	53.5884, 31.4756, -16.6002

# Details

The Hex color **C17AB8** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7AC183**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FBB0F0**, and **8A4783** is the 20% darker color. If you saturate the color by 10%, you get **C167B6**, and if you desaturate by 10%, it is **C18DBA**.

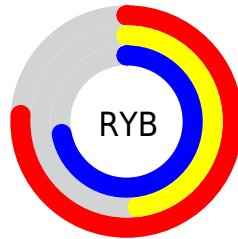
# Distribution



Red (76%)

Green (48%)

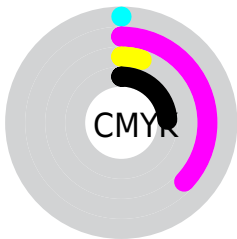
Blue (72%)



Red (76%)

Yellow (48%)

Blue (72%)

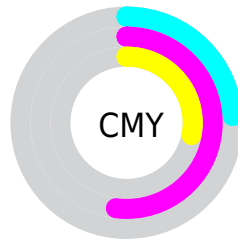


Cyan (0%)

Magenta (37%)

Yellow (5%)

Black (24%)



Cyan (24%)

Magenta (52%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C17AB8 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 C17AB8 by changing the saturation by 10% instead.



 C17AB8

FFFFFF

 FBB0F0

 FFCCFF

 FFE8FF

 C17AB8

 A5609D

 8A4783

 702F6A

 561551

 3D003A

 290025

 00000C

 000000

 C17AB8

 C17AB8

 C167B6

 C18DBA

 C153B3

 C1A1BD

 C140B1

 C1B4BF

 C12DAE

 C1C7C2

 C11AAC

 C1DBC4

 C106A9

 C1EEC7

 C100A9

 C1FFC9

 C1FFCC

 C1FFCE

# Harmonies

## Analogous

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



9588D3



C17AB8



D77393

# Triad

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



C17AB8



A89044



00A5B7

# Complementary

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



C17AB8



7AC183

# 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.



00A591



C17AB8



829B4E

# Square

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



C17AB8



C68251



52A26B



00A0D3

# Rectangle

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



C17AB8



DA747A



52A26B



00A5AB



# Sweetspot

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



C17AB8



FADEF6



827AC1



7D6D7B



FCFCFC



7D7D7D



# Same Dimension

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



C17AB8



FA8CEC



C17A95



615760



A1008C



21001D



# Inverse Universe

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



C17AB8



FA8CEC



7AC1A6



615760



A1008C



21001D



# Previews

## White Background



This preview shows how the Hex color C17AB8 looks on a white background.

## Color Contrast Check

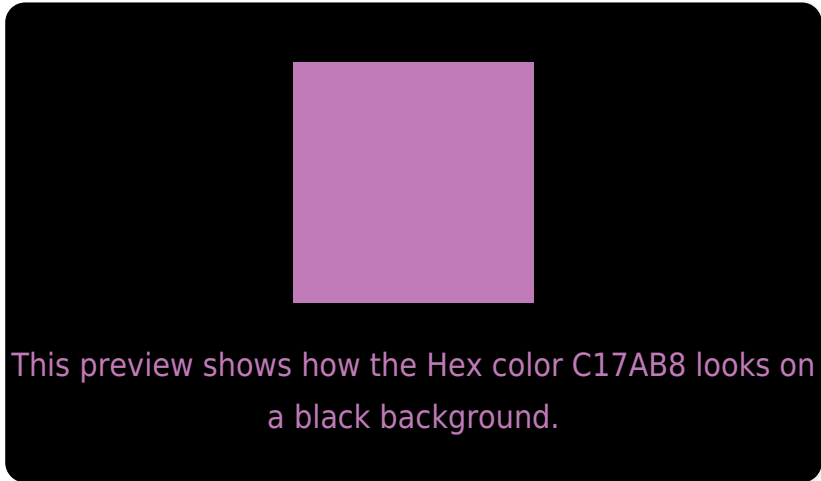
Large Text (above 18pt) WCAG AA ✓ Pass

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

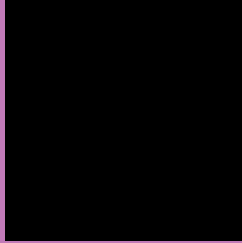
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C17AB8 Background



This preview shows how black text looks on a background with the Hex color C17AB8.

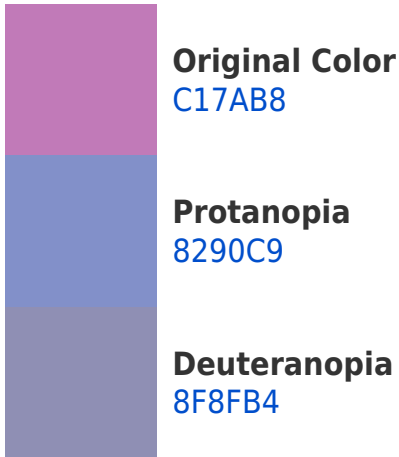



This preview shows how white text looks on a background with the Hex color C17AB8.

# 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](#).

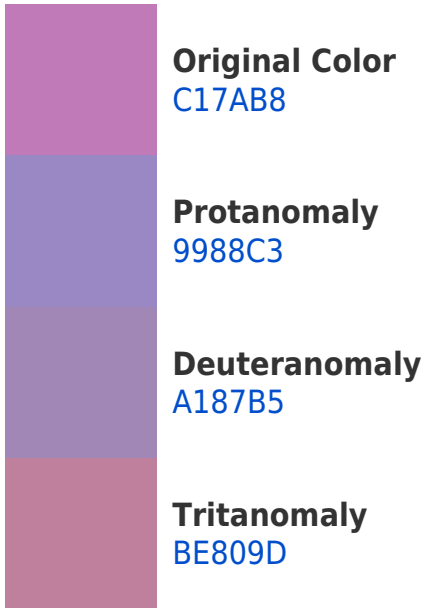
## Dichromacy



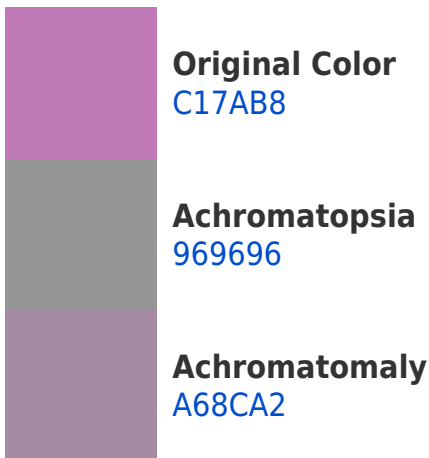


**Tritanopia**  
BC838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C17AB8 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 #C17AB8 looks like.

```
.text, #text, p{  
    color:#C17AB8  
}
```

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 #C17AB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C17AB8
}
```

## Border

The CSS property to change the border of an element to Hex C17AB8 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
#C17AB8 }
```

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

```
.border{ border-color:#C17AB8 }
```

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

Here you see how a box with a 4 pixel #C17AB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C17AB8; -webkit-box-shadow:4px 4px  
4px 4px #C17AB8; box-shadow:4px 4px 4px  
4px #C17AB8 }
```

# Background

The CSS property to change the background color of an element to Hex C17AB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C17AB8 }
```

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

```
.background{ background-color:#C17AB8 }
```

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