

Converting Colors

Hex(CB77AC)

Have a look what the booklet for
Hex(CB77AC) contains.

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Color

Hex(CB77AC)

Conversions

Conversions Part 1

Format	Color
Hex	CB77AC
RGB	203, 119, 172
RGB Percent	80%, 47%, 67%
CMY	0.2039, 0.5333, 0.3255
CMYK	0.00, 0.41, 0.15, 0.20
HSL	322°, 45%, 63%
HSV	322°, 41%, 80%
XYZ	38.6718, 28.8687, 42.5637
YIQ	150.1580, 33.0510, 34.2910

Conversions

Conversions Part 2

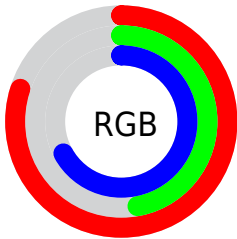
Format	Color
RYB	203, 119, 172
Decimal	13334444
CIELab	60.67, 40.05, -14.05
CIELCh	61, 42.440, 340.660
Yxy	28.8687, 0.3512, 0.2622
Android (android.graphics.Color)	4291524524 (0xFFCB77AC)
YUV	150.1580, 10.7681, 46.3424
Hunter-Lab	53.7296, 34.4483, -9.3578

Details

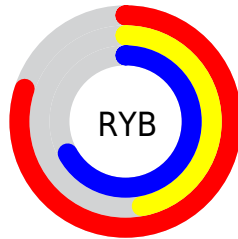
The Hex color **CB77AC** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **77CB96**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFADE3**, and **934478** is the 20% darker color. If you saturate the color by 10%, you get **CB63A5**, and if you desaturate by 10%, it is **CB8BB3**.

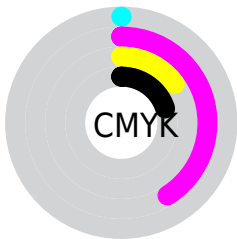
Distribution



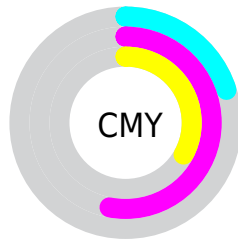
- Red (80%)
- Green (47%)
- Blue (67%)



- Red (80%)
- Yellow (47%)
- Blue (67%)



- Cyan (0%)
- Magenta (41%)
- Yellow (15%)
- Black (20%)



- Cyan (20%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB77AC 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 CB77AC by changing the saturation by 10% instead.

 CB77AC

 CB77AC

FFFFFF

 AF5D91

 FFADE3

 934478

 FFC9FF

 782A5F

 FFE5FF

 5E0E47

 440031

 2F001C

 000000

 CB77AC

 CB77AC

 CB63A5

 CB8BB3

 CB4E9D

 CBA0BB

 CB3A96

 CBB4C2

 CB268E

 CBC8CA

 CB1187

 CBDDD1

 CB0080

 CBF1D9

 CBFFE0

 CBFFE8

 CBFFEF

Harmonies

Analogous

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



A783CB



CB77AC



D97386

Triad

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



CB77AC



9C9546



00A4C2

Complementary

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



CB77AC



77CB96

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.



00A69F



CB77AC



739E58

Square

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



CB77AC



BD884B



3EA478



009DD8

Rectangle

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



CB77AC



D7776E



3EA478



00A5B7

Sweetspot

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



CB77AC



FFE0F4



9677CB



806E79



000000



808080

Same Dimension

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



CB77AC



FF80D0



CB7782



665C62



A60069



260018

Inverse Universe

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



CB77AC



FF80D0



77CBC0



665C62



A60069



260018

Previews

White Background



This preview shows how the Hex color CB77AC looks on a white background.

Color Contrast Check

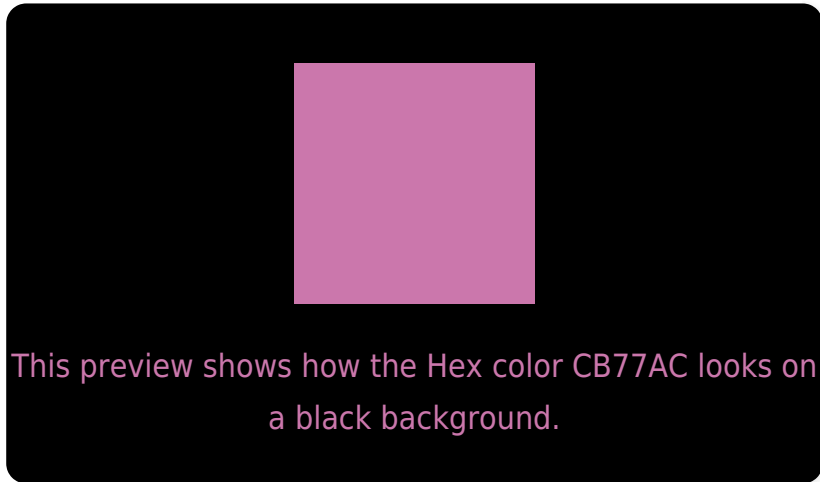
Large Text (above 18pt) WCAG AA ✓ Pass

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

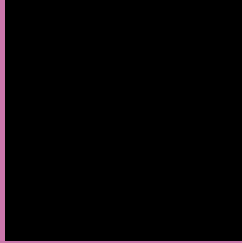
Any Text WCAG AA ✓ Pass

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 CB77AC Background



This preview shows how black text looks on a background with the Hex color CB77AC.

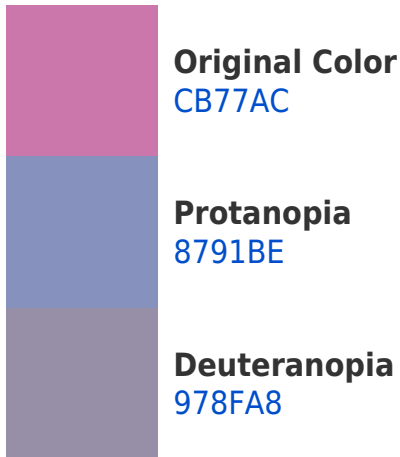


This preview shows how white text looks on a background with the Hex color CB77AC.

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
C77E88

Trichromacy



Original Color
CB77AC



Protanomaly
A088B7



Deuteranomaly
AA86A9

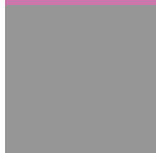


Tritanomaly
C87B95

Monochromacy



Original Color
CB77AC



Achromatopsia
969696



Achromatomaly
A98B9E

CSS Examples

Text

The CSS property to change the color of the text to Hex CB77AC 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 #CB77AC looks like.

```
.text, #text, p{  
    color:#CB77AC  
}
```

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 #CB77AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB77AC }  
}
```

Border

The CSS property to change the border of an element to Hex CB77AC 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 #CB77AC }  
}
```

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

```
.border{ border-color:#CB77AC }
```

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

Here you see how a box with a 4 pixel #CB77AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB77AC; -webkit-box-shadow:4px 4px  
4px 4px #CB77AC; box-shadow:4px 4px 4px  
4px #CB77AC }
```

Background

The CSS property to change the background color of an element to Hex CB77AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB77AC }
```

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

```
.background{ background-color:#CB77AC }
```

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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