

Converting Colors

Hex(CB87AC)

Have a look what the booklet for
Hex(CB87AC) contains.

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Color

Hex(CB87AC)

Conversions

Conversions Part 1

Format	Color
Hex	CB87AC
RGB	203, 135, 172
RGB Percent	80%, 53%, 67%
CMY	0.2039, 0.4706, 0.3255
CMYK	0.00, 0.33, 0.15, 0.20
HSL	327°, 40%, 66%
HSV	327°, 33%, 80%
XYZ	40.7390, 33.0030, 43.2528
YIQ	159.5500, 28.6510, 25.9230

Conversions

Conversions Part 2

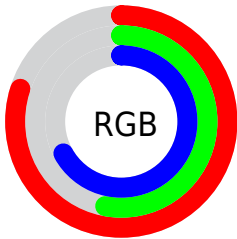
Format	Color
R_{YB}	203, 135, 172
Decimal	13338540
CIE _{Lab}	64.16, 31.46, -8.81
CIE _{LCh}	64, 32.666, 344.356
Yxy	33.0030, 0.3482, 0.2821
Android (android.graphics.Color)	4291528620 (0xFFC8B7AC)
YUV	159.5500, 6.1379, 38.1057
Hunter-Lab	57.4482, 26.0474, -4.4256

Details

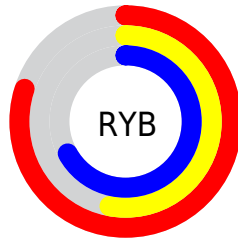
The Hex color **CB87AC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **87CBA6**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFBDE3**, and **945478** is the 20% darker color. If you saturate the color by 10%, you get **CB73A3**, and if you desaturate by 10%, it is **CB9BB5**.

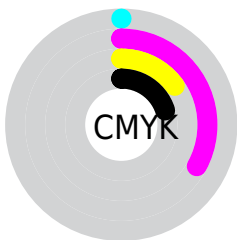
Distribution



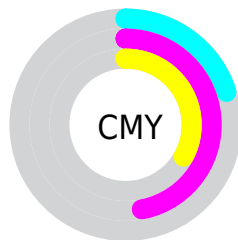
- Red (80%)
- Green (53%)
- Blue (67%)



- Red (80%)
- Yellow (53%)
- Blue (67%)



- Cyan (0%)
- Magenta (33%)
- Yellow (15%)
- Black (20%)



- Cyan (20%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB87AC 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 CB87AC by changing the saturation by 10% instead.

 CB87AC

 CB87AC

FFFFFF

 AF6D91

 FFBDE3

 945478

 FFD9FF

 793C5F

 FFF6FF

 5F2447

 460B31

 2F001C

 100000

 000000

 CB87AC

 CB87AC

 CB73A3

 CB9BB5

 CB5E99

 CBB0BF

 CB4A90

 CBC4C8

 CB3687

 CBD8D1

 CB227E

 CBEDDA

 CB0D74

 CBFFE4

 CB006E

 CBFFED

 CBFFF6

 CBFFFF

Harmonies

Analogous

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



B18FC5



CB87AC



D5858E

Triad

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



CB87AC



A19E62



33A9C3

Complementary

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



CB87AC



87CBA6

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.



3AABA9



CB87AC



81A671

Square

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



CB87AC



BD9464



5DAA8B



5AA3D3

Rectangle

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



CB87AC



D3887C



5DAA8B



2FAABB

Sweetspot

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



CB87AC



FFE6F3



A687CB



807079



000000



808080

Same Dimension

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



CB87AC



FF99D1



CB878A



665C61



A6005A



260015

Inverse Universe

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



CB87AC



FF99D1



87CBC8



665C61



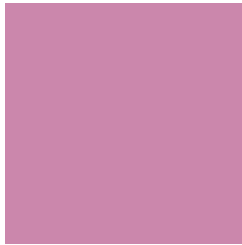
A6005A



260015

Previews

White Background



This preview shows how the Hex color CB87AC looks on a white background.

Color Contrast Check

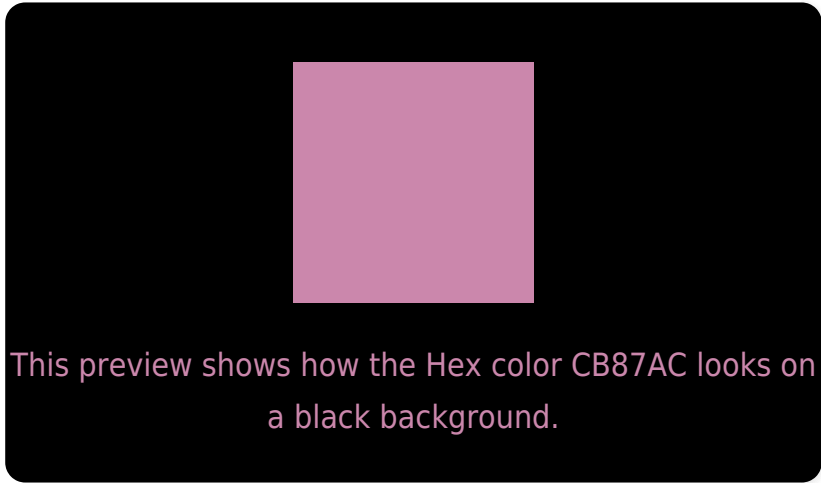
Large Text (above 18pt) WCAG AA × Fail

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

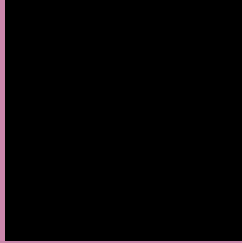
Any Text WCAG AA ✓ Pass

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 CB87AC Background



This preview shows how black text looks on a background with the Hex color CB87AC.

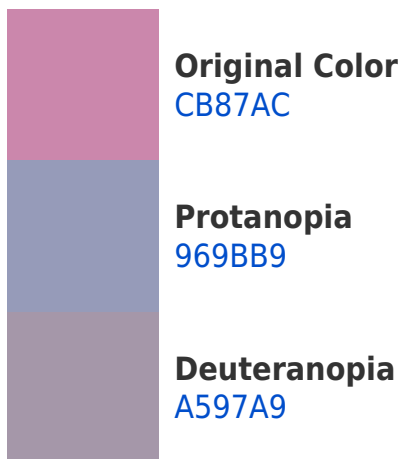


This preview shows how white text looks on a background with the Hex color CB87AC.

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](#).

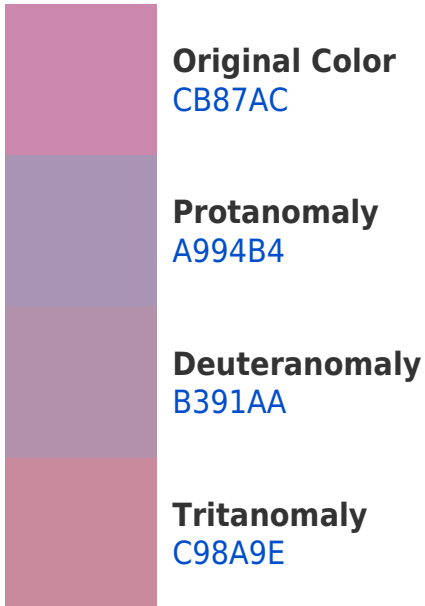
Dichromacy



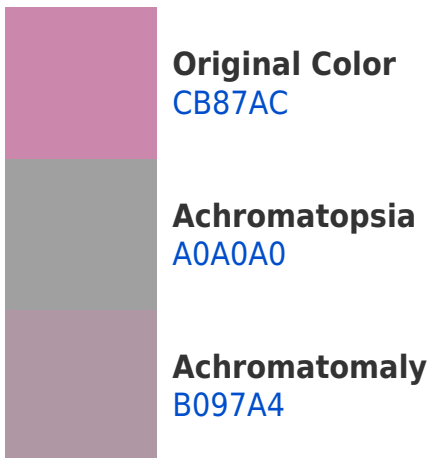


Tritanopia
C88B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB87AC 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 #CB87AC looks like.

```
.text, #text, p{  
    color:#CB87AC  
}
```

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 #CB87AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB87AC
}
```

Border

The CSS property to change the border of an element to Hex CB87AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

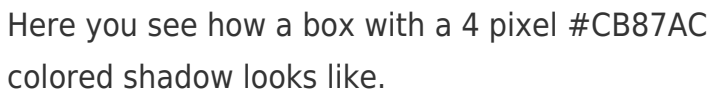
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB87AC }
```

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

```
.border{ border-color:#CB87AC }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border. The shadow is a darker purple, matching the border color. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #CB87AC colored shadow looks like." The box is positioned in the middle of the page, below the text "If you want to add a box shadow in that color use:" and above the CSS code block.

Here you see how a box with a 4 pixel #CB87AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB87AC; -webkit-box-shadow:4px 4px  
4px 4px #CB87AC; box-shadow:4px 4px 4px  
4px #CB87AC }
```

Background

The CSS property to change the background color of an element to Hex CB87AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB87AC }
```

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

```
.background{ background-color:#CB87AC }
```

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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