

Converting Colors

Hex(C87E9C)

Have a look what the booklet for
Hex(C87E9C) contains.

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Color

Hex(C87E9C)

Conversions

Conversions Part 1

Format	Color
Hex	C87E9C
RGB	200, 126, 156
RGB Percent	78%, 49%, 61%
CMY	0.2157, 0.5059, 0.3882
CMYK	0.00, 0.37, 0.22, 0.22
HSL	336°, 40%, 64%
HSV	336°, 37%, 78%
XYZ	37.2810, 29.6014, 35.2012
YIQ	151.5460, 34.4740, 25.0180

Conversions

Conversions Part 2

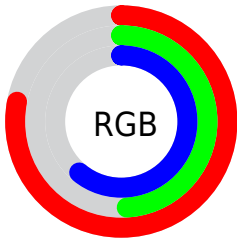
Format	Color
R _Y B	200, 126, 156
Decimal	13139612
CIE Lab	61.31, 32.78, -3.97
CIE LCh	61, 33.017, 353.085
Yxy	29.6014, 0.3652, 0.2900
Android (android.graphics.Color)	4291329692 (0xFFC87E9C)
YUV	151.5460, 2.1958, 42.4942
Hunter-Lab	54.4071, 27.0998, -0.2754

Details

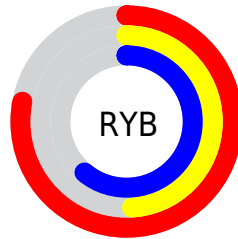
The Hex color **C87E9C** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7EC8AA**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFB4D2**, and **904B69** is the 20% darker color. If you saturate the color by 10%, you get **C86A90**, and if you desaturate by 10%, it is **C892A8**.

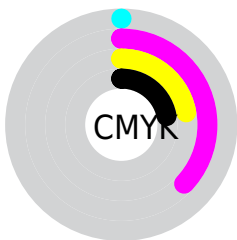
Distribution



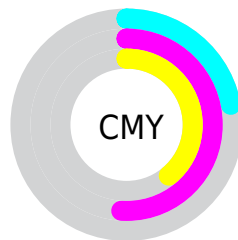
- Red (78%)
- Green (49%)
- Blue (61%)



- Red (78%)
- Yellow (49%)
- Blue (61%)



- Cyan (0%)
- Magenta (37%)
- Yellow (22%)
- Black (22%)



- Cyan (22%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color C87E9C 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 C87E9C by changing the saturation by 10% instead.

 C87E9C

 C87E9C

FFFFFF

 AC6482

 FFB4D2

 904B69

 FFD0EF

 763351

 FFECFF

 5C1B3A

 420024

 2D000F

 000000

 C87E9C

 C87E9C

 C86A90

 C892A8

 C85684

 C8A6B4

 C84278

 C8BAC0

 C82E6C

 C8CECC

 C81A61

 C8E2D7

 C80655

 C8F6E3

 C80051

 C8FFEF

 C8FFFB

 C8FFFF

Harmonies

Analogous

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



B285B7



C87E9C



CD7F7F

Triad

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



C87E9C



90995D



2EA0C2

Complementary

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



C87E9C



7EC8AA

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.



23A3AA



C87E9C



6FA070

Square

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



C87E9C



AE905A



49A38C



5F99CD

Rectangle

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



C87E9C



C8836D



49A38C



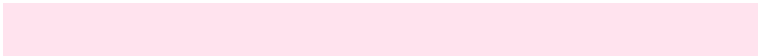
22A2BB

Sweetspot

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



C87E9C



FFE3EE



A97EC8



806F76



000000



808080

Same Dimension

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



C87E9C



FF8FBC



C8847E



635A5E



A30042



24000E

Inverse Universe

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



C87E9C



FF8FBC



7EC2C8



635A5E



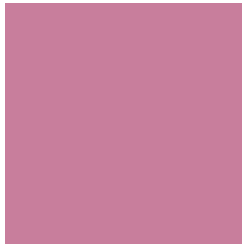
A30042



24000E

Previews

White Background



This preview shows how the Hex color C87E9C looks on a white background.

Color Contrast Check

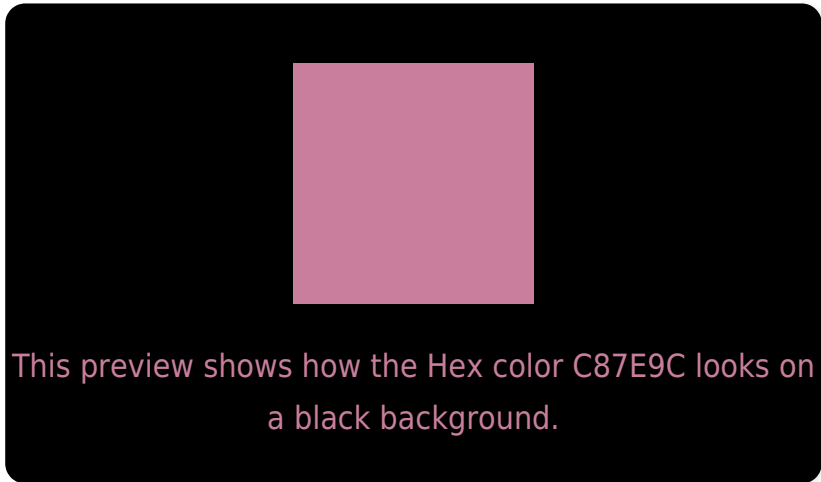
Large Text (above 18pt) WCAG AA ✓ Pass

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

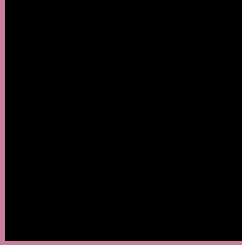
Any Text WCAG AA ✓ Pass

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 C87E9C Background



This preview shows how black text looks on a background with the Hex color C87E9C.



This preview shows how white text looks on a background with the Hex color C87E9C.

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



Original Color
C87E9C

Protanopia
9193A9

Deuteranopia
A19099



Tritanopia
C6818B

Trichromacy



Original Color
C87E9C

Protanomaly
A58BA4

Deuteranomaly
AF899A

Tritanomaly
C78091

Monochromacy



Original Color
C87E9C

Achromatopsia
989898

Achromatomaly
A98F99

CSS Examples

Text

The CSS property to change the color of the text to Hex C87E9C 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 #C87E9C looks like.

```
.text, #text, p{  
    color:#C87E9C  
}
```

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 #C87E9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C87E9C
}
```

Border

The CSS property to change the border of an element to Hex C87E9C is called "border". The border property can be set on classes, ids or directly on the HTML element.

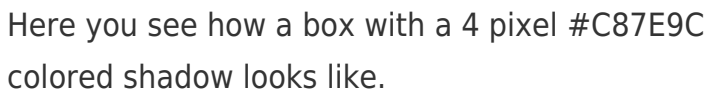
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C87E9C }
```

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

```
.border{ border-color:#C87E9C }
```

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



Here you see how a box with a 4 pixel #C87E9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C87E9C; -webkit-box-shadow:4px 4px  
4px 4px #C87E9C; box-shadow:4px 4px 4px  
4px #C87E9C }
```

Background

The CSS property to change the background color of an element to Hex C87E9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C87E9C }
```

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

```
.background{ background-color:#C87E9C }
```

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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