

Converting Colors

Hex(C89CEC)

Have a look what the booklet for
Hex(C89CEC) contains.

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Color

Hex(C89CEC)

Conversions

Conversions Part 1

Format	Color
Hex	C89CEC
RGB	200, 156, 236
RGB Percent	78%, 61%, 93%
CMY	0.2157, 0.3882, 0.0745
CMYK	0.15, 0.34, 0.00, 0.07
HSL	273°, 68%, 77%
HSV	273°, 34%, 93%
XYZ	50.8482, 42.1124, 84.8054
YIQ	178.2760, 0.5440, 34.2080

Conversions

Conversions Part 2

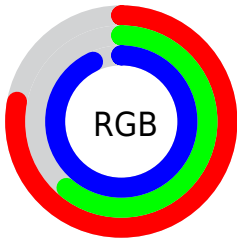
Format	Color
R _Y B	200, 156, 236
Decimal	13147372
CIE Lab	70.95, 31.12, -34.10
CIE LCh	71, 46.168, 312.381
Yxy	42.1124, 0.2860, 0.2369
Android (android.graphics.Color)	4291337452 (0xFFC89CEC)
YUV	178.2760, 28.4579, 19.0519
Hunter-Lab	64.8941, 26.3003, -32.0560

Details

The Hex color **C89CEC** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C0EC9C**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFD3FF**, and **9168B4** is the 20% darker color. If you saturate the color by 10%, you get **BD84EC**, and if you desaturate by 10%, it is **D3B4EC**.

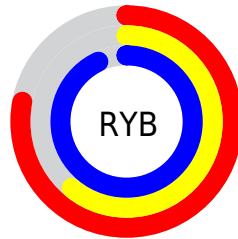
Distribution



Red (78%)

Green (61%)

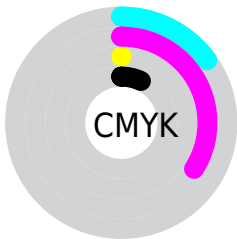
Blue (93%)



Red (78%)

Yellow (61%)

Blue (93%)

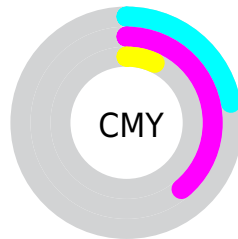


Cyan (15%)

Magenta (34%)

Yellow (0%)

Black (7%)



Cyan (22%)

Magenta (39%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color C89CEC 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 C89CEC by changing the saturation by 10% instead.

 C89CEC

 C89CEC

FFFFFF

 AC82D0

 FFD3FF

 9168B4

 FFEFFF

 764F99

 5D387F

 432165

 2B0A4D

 180036

 000220

 000003

 C89CEC

 C89CEC

 BD84EC

 D3B4EC

 B36DEC

 DDCBEC

 A855EC

 E8E3EC

 9E3EEC

 F2FAEC

 9326EC

 FDF FEC

 880EEC

 FFFFEC

 8200EC

Harmonies

Analogous

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



89ACFF



C89CEC



EF8FC8

Triad

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



C89CEC



DDA35D



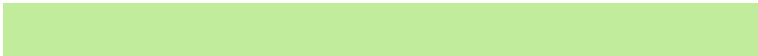
00C4BE

Complementary

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



C89CEC



C0EC9C

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.



4DC293



C89CEC



B7B159

Square

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



C89CEC



F69477



88BB6E



00C1E5

Rectangle

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



C89CEC



FC8BAC



88BB6E



00C3B0

Sweetspot

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



C89CEC



F4E6FF



9CC0EC



797080



000000



808080

Same Dimension

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



C89CEC



D096FF



EC9CE8



706A75



6400B5



1D0036

Inverse Universe

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



EC9CC0



FF96C5



9CECA0



756A6F



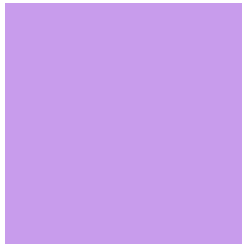
B50051



360018

Previews

White Background



This preview shows how the Hex color C89CEC looks on a white background.

Color Contrast Check

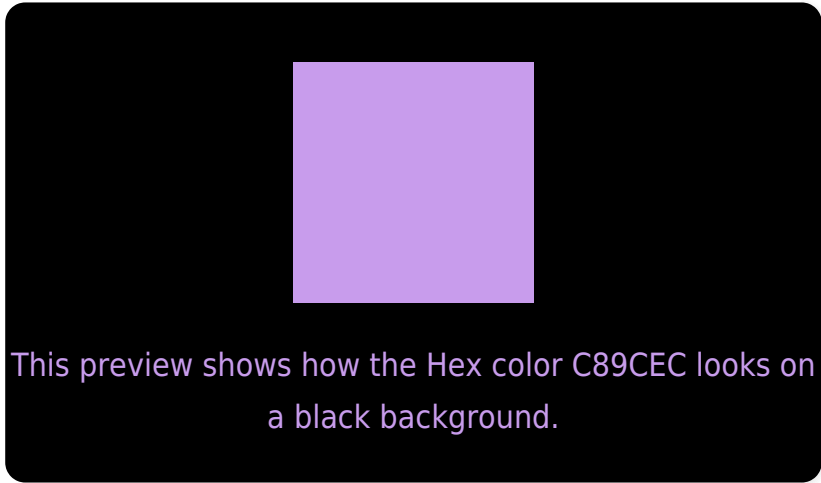
Large Text (above 18pt) WCAG AA × Fail

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

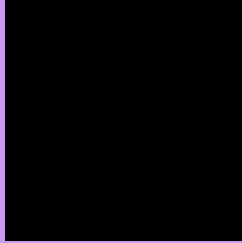
Any Text WCAG AA ✓ Pass

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 C89CEC Background



This preview shows how black text looks on a background with the Hex color C89CEC.



This preview shows how white text looks on a background with the Hex color C89CEC.

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](#).

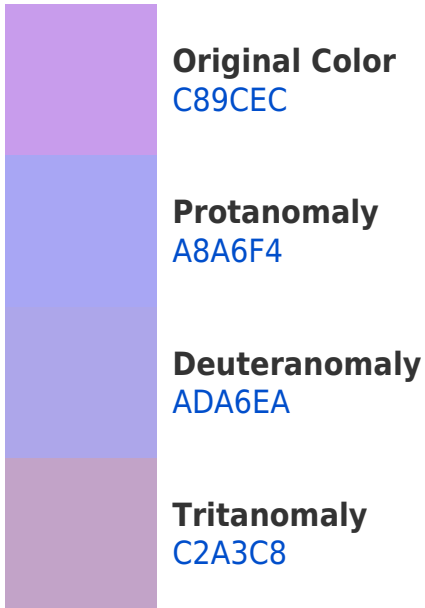
Dichromacy



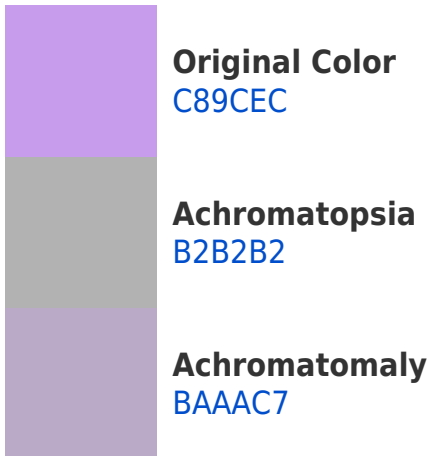


Tritanopia
BFA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C89CEC 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 #C89CEC looks like.

```
.text, #text, p{  
    color:#C89CEC  
}
```

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 #C89CEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C89CEC
}
```

Border

The CSS property to change the border of an element to Hex C89CEC is called "border". The border property can be set on classes, ids or directly on the HTML element.

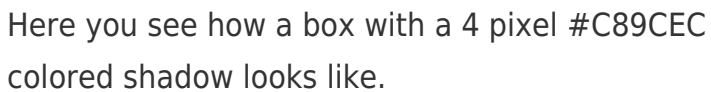
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C89CEC }
```

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

```
.border{ border-color:#C89CEC }
```

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



Here you see how a box with a 4 pixel #C89CEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C89CEC; -webkit-box-shadow:4px 4px  
4px 4px #C89CEC; box-shadow:4px 4px 4px  
4px #C89CEC }
```

Background

The CSS property to change the background color of an element to Hex C89CEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C89CEC }
```

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

```
.background{ background-color:#C89CEC }
```

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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