

Converting Colors

Hex(CCC4E8)

Have a look what the booklet for
Hex(CCC4E8) contains.

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Color

Hex(CCC4E8)

Conversions

Conversions Part 1

Format	Color
Hex	CCC4E8
RGB	204, 196, 232
RGB Percent	80%, 77%, 91%
CMY	0.2000, 0.2314, 0.0902
CMYK	0.12, 0.16, 0.00, 0.09
HSL	253°, 44%, 84%
HSV	253°, 16%, 91%
XYZ	59.2073, 58.1434, 84.4462
YIQ	202.4960, -6.7880, 12.8920

Conversions

Conversions Part 2

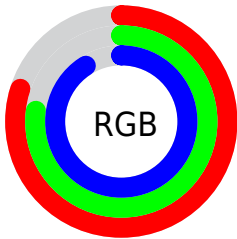
Format	Color
RYB	204, 196, 232
Decimal	13419752
CIELab	80.82, 9.70, -16.83
CIELCh	81, 19.421, 299.963
Yxy	58.1434, 0.2934, 0.2881
Android (android.graphics.Color)	4291609832 (0xFFCCC4E8)
YUV	202.4960, 14.5455, 1.3190
Hunter-Lab	76.2518, 5.1592, -12.2853

Details

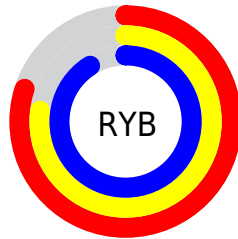
The Hex color **CCC4E8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E0E8C4**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFDFF**, and **968EB0** is the 20% darker color. If you saturate the color by 10%, you get **BAADE8**, and if you desaturate by 10%, it is **DEDBE8**.

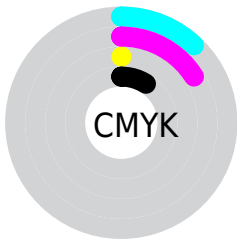
Distribution



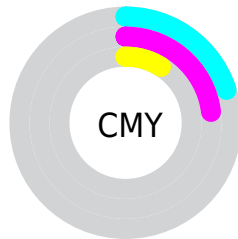
- Red (80%)
- Green (77%)
- Blue (91%)



- Red (80%)
- Yellow (77%)
- Blue (91%)



- Cyan (12%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCC4E8 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 CCC4E8 by changing the saturation by 10% instead.

■ CCC4E8

■ CCC4E8

FFFFFF

■ B0A9CC

■ FFFDFD

■ 968EB0

■ 7C7596

■ 625C7C

■ 4A4563

■ 332E4B

■ 1D1A34

■ 08001F

■ 000002

 CCC4E8

 CCC4E8

 BAADE8

 DEDBE8

 A896E8

 F0F2E8

 967EE8

 FFFFE8

 8467E8

 7250E8

 6039E8

 4E22E8

 3C0AE8

 3400E8

Harmonies

Analogous

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



B4CAED



CCC4E8



E0BFDB

Triad

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



CCC4E8



E7C1AA



9ED3C8

Complementary

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



CCC4E8



E0E8C4

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.



AED1B6



CCC4E8



D7C7A5

Square

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



CCC4E8



EEBDB7



C3CDA9



98D3DA

Rectangle

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



CCC4E8



EABDCF



C3CDA9



A3D3C2

Sweetspot

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



CCC4E8



F5F2FF



C4E0E8



7A7880



000000



808080

Same Dimension

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



CCC4E8



D9CFFF



DEC4E8



6A6773



2800B3



0B0033

Inverse Universe

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



E8C4E0



FFCFF4



CEE8C4



736770



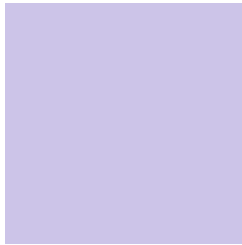
B3008B



330028

Previews

White Background



This preview shows how the Hex color CCC4E8 looks on a white background.

Color Contrast Check

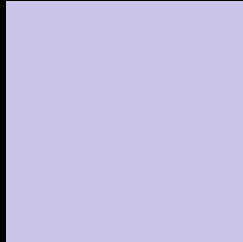
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color CCC4E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

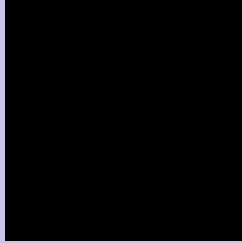
Any Text WCAG AA ✓ Pass

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 CCC4E8 Background



This preview shows how black text looks on a background with the Hex color CCC4E8.



This preview shows how white text looks on a background with the Hex color CCC4E8.

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
CCC4E8

Protanopia
C2C7EA

Deuteranopia
CDC4E8



Tritanopia
C9C7D7

Trichromacy



Original Color
CCC4E8

Protanomaly
C6C6E9

Deuteranomaly
CDC4E8

Tritanomaly
CAC6DD

Monochromacy



Original Color
CCC4E8

Achromatopsia
CACACA

Achromatomaly
CBC8D5

CSS Examples

Text

The CSS property to change the color of the text to Hex CCC4E8 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 #CCC4E8 looks like.

```
.text, #text, p{  
    color:#CCC4E8  
}
```

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 #CCC4E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCC4E8  
}
```

Border

The CSS property to change the border of an element to Hex CCC4E8 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  
#CCC4E8 }
```

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

```
.border{ border-color:#CCC4E8 }
```

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

Here you see how a box with a 4 pixel #CCC4E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCC4E8; -webkit-box-shadow:4px 4px  
4px 4px #CCC4E8; box-shadow:4px 4px 4px  
4px #CCC4E8 }
```

Background

The CSS property to change the background color of an element to Hex CCC4E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCC4E8 }
```

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

```
.background{ background-color:#CCC4E8 }
```

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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