

Converting Colors

Hex(CE80E1)

Have a look what the booklet for
Hex(CE80E1) contains.

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Color

Hex(CE80E1)

Conversions

Conversions Part 1

Format	Color
Hex	CE80E1
RGB	206, 128, 225
RGB Percent	81%, 50%, 88%
CMY	0.1922, 0.4980, 0.1176
CMYK	0.08, 0.43, 0.00, 0.12
HSL	288°, 62%, 69%
HSV	288°, 43%, 88%
XYZ	46.7634, 33.9964, 75.3314
YIQ	162.3800, 15.3510, 46.7030

Conversions

Conversions Part 2

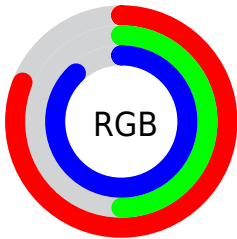
Format	Color
RYB	206, 128, 225
Decimal	13533409
CIELab	64.96, 45.76, -37.30
CIELCh	65, 59.038, 320.812
Yxy	33.9964, 0.2996, 0.2178
Android (android.graphics.Color)	4291723489 (0xFFCE80E1)
YUV	162.3800, 30.8717, 38.2547
Hunter-Lab	58.3064, 41.1257, -35.7877

Details

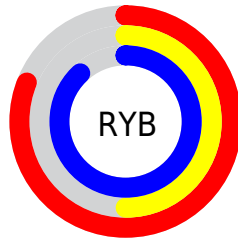
The Hex color **CE80E1** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **93E180**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFB6FF**, and **964CA9** is the 20% darker color. If you saturate the color by 10%, you get **CA6AE1**, and if you desaturate by 10%, it is **D297E1**.

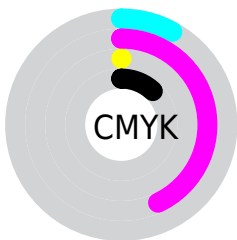
Distribution



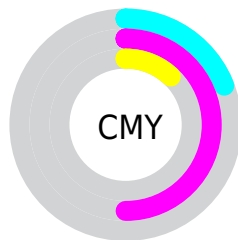
- Red (81%)
- Green (50%)
- Blue (88%)



- Red (81%)
- Yellow (50%)
- Blue (88%)



- Cyan (8%)
- Magenta (43%)
- Yellow (0%)
- Black (12%)



- Cyan (19%)
- Magenta (50%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE80E1 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 CE80E1 by changing the saturation by 10% instead.

 CE80E1

 CE80E1

FFFFFF

 B266C5

 FFB6FF

 964CA9

 FFD3FF

 7B328F

 FFEFFF

 601775

 46005C

 2E0043

 14002D

 000117

 000000

 CE80E1

 CE80E1

 CA6AE1

 D297E1

 C553E1

 D7ADE1

 C13CE1

 DBC3E1

 BC26E1

 E0DAE1

 B810E1

 E4F0E1

 B500E1

 E8FFE1

 EDFFE1

 F1FFE1

 F6FFE1

Harmonies

Analogous

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



8296FF



CE80E1



F56FB0

Triad

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



CE80E1



C8952E



00B7C2

Complementary

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



CE80E1



93E180

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.



00B68B



CE80E1



96A632

Square

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



CE80E1



EC814D



55B157



00B3EF

Rectangle

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



CE80E1



FE6D8D



55B157



00B7B0

Sweetspot

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



CE80E1



F9DEFF



8093E1



7C6B80



000000



808080

Same Dimension

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



CE80E1



E57AFF



E180C4



6E6570



8D00B0



270030

Inverse Universe

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



E18093



FF7A94



80E19D



706567



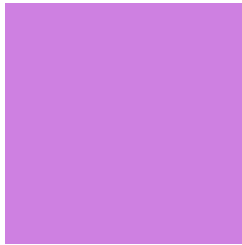
B00022



300009

Previews

White Background



This preview shows how the Hex color CE80E1 looks on a white background.

Color Contrast Check

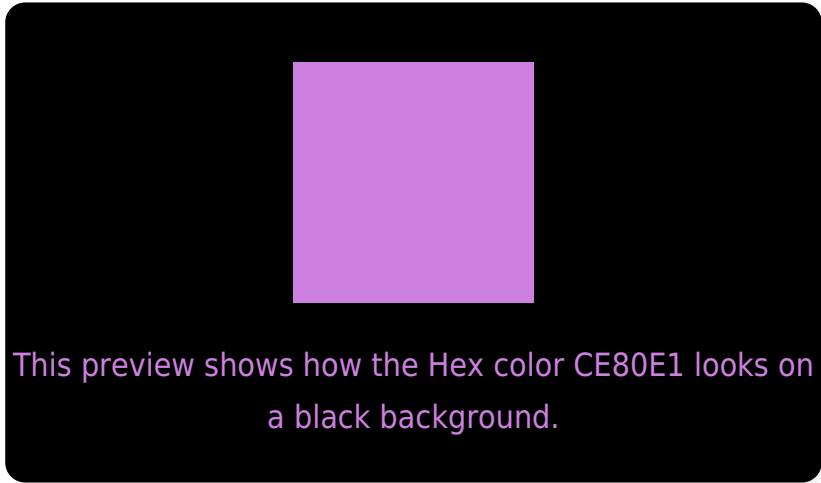
Large Text (above 18pt) WCAG AA × Fail

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

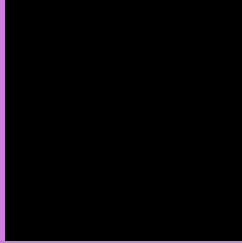
Any Text WCAG AA ✓ Pass

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 CE80E1 Background



This preview shows how black text looks on a background with the Hex color CE80E1.

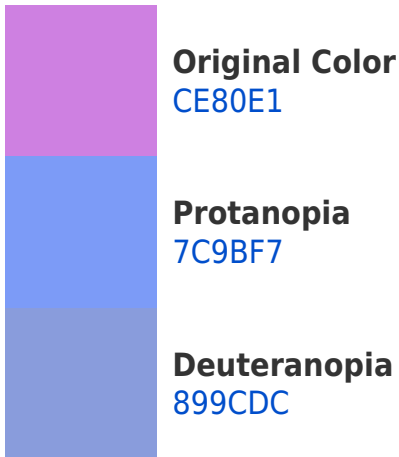


This preview shows how white text looks on a background with the Hex color CE80E1.

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](#).

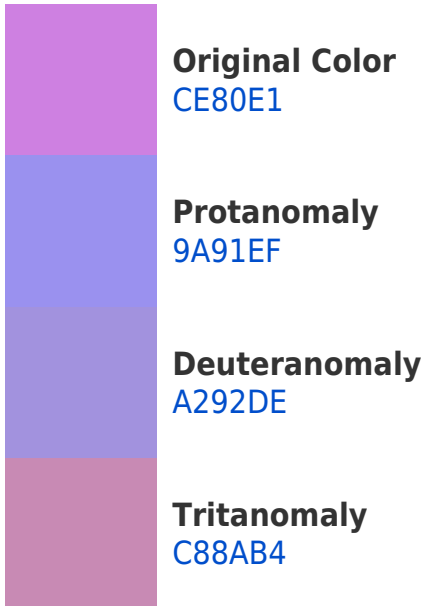
Dichromacy





Tritanopia
C4909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE80E1 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 #CE80E1 looks like.

```
.text, #text, p{  
    color:#CE80E1  
}
```

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 #CE80E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE80E1
}
```

Border

The CSS property to change the border of an element to Hex CE80E1 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
#CE80E1 }
```

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

```
.border{ border-color:#CE80E1 }
```

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

Here you see how a box with a 4 pixel #CE80E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE80E1; -webkit-box-shadow:4px 4px  
4px 4px #CE80E1; box-shadow:4px 4px 4px  
4px #CE80E1 }
```

Background

The CSS property to change the background color of an element to Hex CE80E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE80E1 }
```

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

```
.background{ background-color:#CE80E1 }
```

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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