

Converting Colors

Hex(CEB1D8)

Have a look what the booklet for
Hex(CEB1D8) contains.

Hex(CEB1D8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CEB1D8)

Conversions

Conversions Part 1

Format	Color
Hex	CEB1D8
RGB	206, 177, 216
RGB Percent	81%, 69%, 85%
CMY	0.1922, 0.3059, 0.1529
CMYK	0.05, 0.18, 0.00, 0.15
HSL	285°, 33%, 77%
HSV	285°, 18%, 85%
XYZ	53.5704, 49.5240, 71.7014
YIQ	190.1170, 4.7650, 18.2770

Conversions

Conversions Part 2

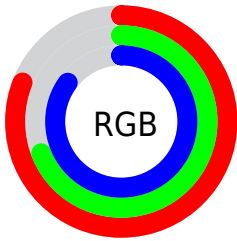
Format	Color
R _Y B	206, 177, 216
Decimal	13545944
CIE Lab	75.78, 17.43, -15.77
CIE LCh	76, 23.501, 317.865
Yxy	49.5240, 0.3065, 0.2833
Android (android.graphics.Color)	4291736024 (0xFFCEB1D8)
YUV	190.1170, 12.7603, 13.9294
Hunter-Lab	70.3733, 12.7268, -11.1476

Details

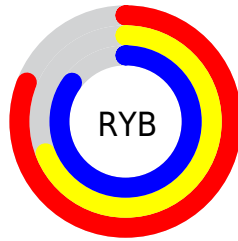
The Hex color **CEB1D8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BBD8B1**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFE9FF**, and **977CA1** is the 20% darker color. If you saturate the color by 10%, you get **C89BD8**, and if you desaturate by 10%, it is **D4C7D8**.

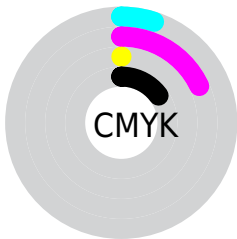
Distribution



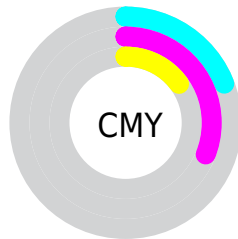
- Red (81%)
- Green (69%)
- Blue (85%)



- Red (81%)
- Yellow (69%)
- Blue (85%)



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (31%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEB1D8 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 CEB1D8 by changing the saturation by 10% instead.

 CEB1D8

 CEB1D8

FFFFFF

 B296BC

 FFE9FF

 977CA1

 7D6387

 644B6E

 4C3455

 351F3E

 1F0928

 000112

 000000

 CEB1D8

 CEB1D8

 C89BD8

 D4C7D8

 C386D8

 D9DCD8

 BD70D8

 DFF2D8

 B85BD8

 E4FFD8

 B245D8

 EAFFD8

 AD2FD8

 EFFF88

 A71AD8

 F5FFD8

 A204D8

 FAFFD8

 A100D8

 FFFF88

Harmonies

Analogous

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



B3B8E4



CEB1D8



E1ACC4

Triad

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



CEB1D8



D3B691



7FC7C7

Complementary

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



CEB1D8



BBD8B1

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.



8EC7B1



CEB1D8



BEBD91

Square

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



CEB1D8



E3B09B



A5C39D



81C5DA

Rectangle

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



CEB1D8



E7ABB6



A5C39D



82C7C0

Sweetspot

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



CEB1D8



FCF2FF



B1BBD8



7E7880



000000



808080

Same Dimension

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



CEB1D8



F1C7FF



D8B1CF



68606B



7F00AB



20002B

Inverse Universe

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



D8B1BB



FFC7D5



B1D8BA



6B6063



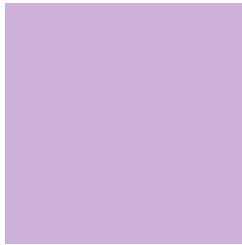
AB002C



2B000B

Previews

White Background



This preview shows how the Hex color CEB1D8 looks on a white background.

Color Contrast Check

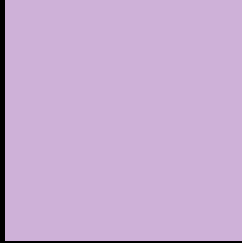
Large Text (above 18pt) WCAG AA × Fail

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 CEB1D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

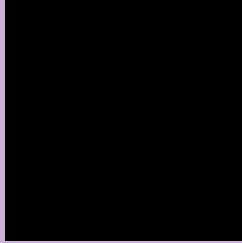
Any Text WCAG AA ✓ Pass

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 CEB1D8 Background



This preview shows how black text looks on a background with the Hex color CEB1D8.

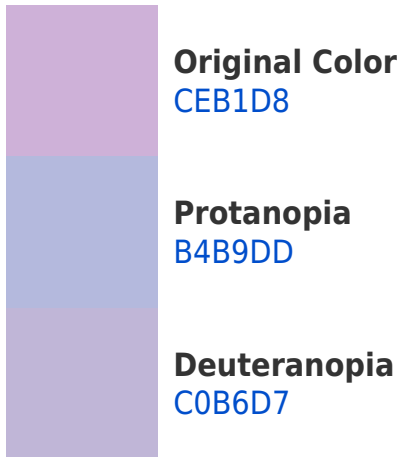


This preview shows how white text looks on a background with the Hex color CEB1D8.

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



Trichromacy



Original Color
CEB1D8

Protanomaly
BDB6DB

Deuteranomaly
C5B4D7

Tritanomaly
CCB4CB

Monochromacy



Original Color
CEB1D8

Achromatopsia
BEBEBE

Achromatomaly
C4B9C7

CSS Examples

Text

The CSS property to change the color of the text to Hex CEB1D8 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 #CEB1D8 looks like.

```
.text, #text, p{  
    color:#CEB1D8  
}
```

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 #CEB1D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEB1D8
}
```

Border

The CSS property to change the border of an element to Hex CEB1D8 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
#CEB1D8 }
```

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

```
.border{ border-color:#CEB1D8 }
```

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

Here you see how a box with a 4 pixel #CEB1D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEB1D8; -webkit-box-shadow:4px 4px  
4px 4px #CEB1D8; box-shadow:4px 4px 4px  
4px #CEB1D8 }
```

Background

The CSS property to change the background color of an element to Hex CEB1D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEB1D8 }
```

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

```
.background{ background-color:#CEB1D8 }
```

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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