

Converting Colors

Hex(CEB1F8)

Have a look what the booklet for
Hex(CEB1F8) contains.

Hex(CEB1F8)	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(CEB1F8)

Conversions

Conversions Part 1

Format	Color
Hex	CEB1F8
RGB	206, 177, 248
RGB Percent	81%, 69%, 97%
CMY	0.1922, 0.3059, 0.0275
CMYK	0.17, 0.29, 0.00, 0.03
HSL	265°, 84%, 83%
HSV	265°, 29%, 97%
XYZ	58.1190, 51.3434, 95.6540
YIQ	193.7650, -5.5070, 28.2290

Conversions

Conversions Part 2

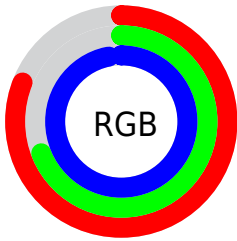
Format	Color
R _Y B	206, 177, 248
Decimal	13545976
CIE Lab	76.89, 24.02, -31.40
CIE LCh	77, 39.530, 307.410
Yxy	51.3434, 0.2833, 0.2503
Android (android.graphics.Color)	4291736056 (0xFFCEB1F8)
YUV	193.7650, 26.7379, 10.7301
Hunter-Lab	71.6543, 19.3868, -28.9904

Details

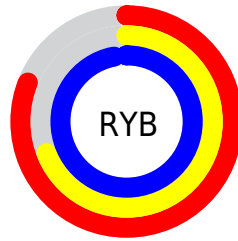
The Hex color **CEB1F8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **DBF8B1**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFE9FF**, and **977CBF** is the 20% darker color. If you saturate the color by 10%, you get **BF98F8**, and if you desaturate by 10%, it is **DDCAF8**.

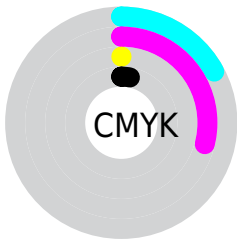
Distribution



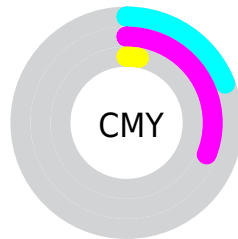
- Red (81%)
- Green (69%)
- Blue (97%)



- Red (81%)
- Yellow (69%)
- Blue (97%)



- Cyan (17%)
- Magenta (29%)
- Yellow (0%)
- Black (3%)



- Cyan (19%)
- Magenta (31%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEB1F8 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 CEB1F8 by changing the saturation by 10% instead.

 CEB1F8

 CEB1F8

FFFFFF

 B296DB


 FFE9FF

 977CBF

 7C63A4

 634B8A

 493470

 311E57

 19093F

 000029

 000113

 CEB1F8

 CEB1F8

 BF98F8

 DDCAF8

 B17FF8

 EBE3F8

 A267F8

 FAFBF8

 934EF8

 FFFFF8

 8535F8

 761CF8

 6703F8

 6500F8

Harmonies

Analogous

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



98BEFF



CEB1F8



F3A6DB

Triad

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



CEB1F8



EDB27B



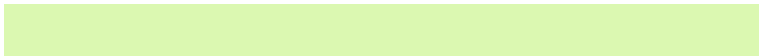
48D2C6

Complementary

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



CEB1F8



DBF8B1

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.



79CFA0



CEB1F8



CDBF74

Square

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



CEB1F8



FFA793



A6C982



2BD0E9

Rectangle

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



CEB1F8



FFA2C2



A6C982



59D1B9

Sweetspot

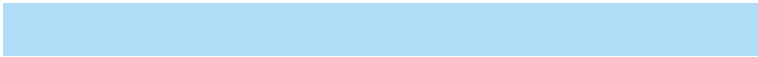
The Sweet Spot groups the original color and five complimentary colors.



CEB1F8



F1E8FF



B1DCF8



777180



000000



808080

Same Dimension

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



CEB1F8



CCA8FF



F1B1F8



76707D



4D00BD



19003D

Inverse Universe

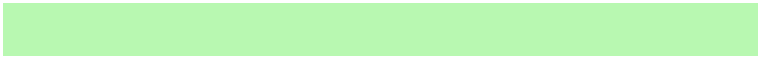
The Inverse Universe completely reimagines the original color for something new.



F8B1DB



FFA8DC



B8F8B1



7D7078



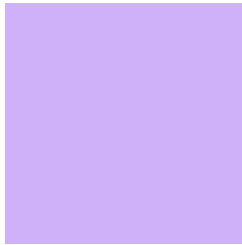
BD0070



3D0024

Previews

White Background



This preview shows how the Hex color CEB1F8 looks on a white background.

Color Contrast Check

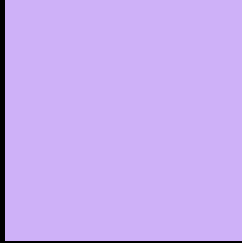
Large Text (above 18pt) WCAG AA × Fail

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 CEB1F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

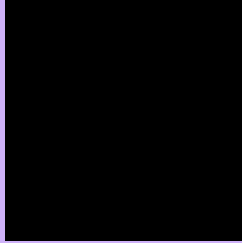
Any Text WCAG AA ✓ Pass

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 CEB1F8 Background



This preview shows how black text looks on a background with the Hex color CEB1F8.

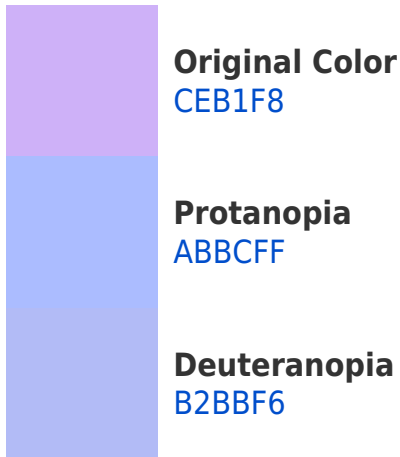



This preview shows how white text looks on a background with the Hex color CEB1F8.

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](#).

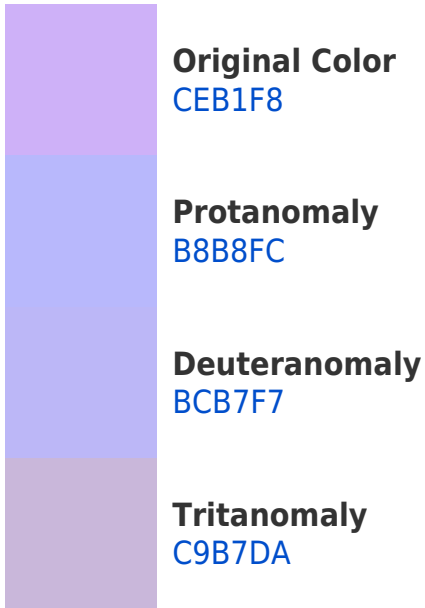
Dichromacy



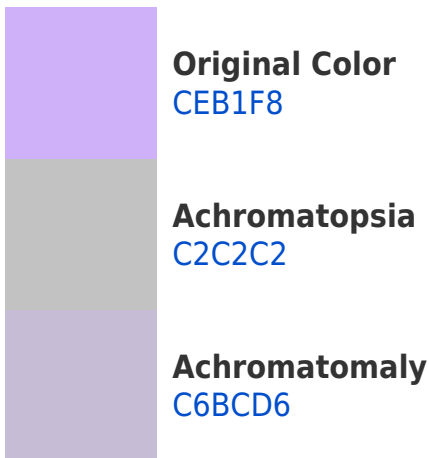


Tritanopia
C6BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CEB1F8 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 #CEB1F8 looks like.

```
.text, #text, p{  
    color:#CEB1F8  
}
```

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 #CEB1F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEB1F8
}
```

Border

The CSS property to change the border of an element to Hex CEB1F8 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
#CEB1F8 }
```

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

```
.border{ border-color:#CEB1F8 }
```

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

Here you see how a box with a 4 pixel #CEB1F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEB1F8; -webkit-box-shadow:4px 4px  
4px 4px #CEB1F8; box-shadow:4px 4px 4px  
4px #CEB1F8 }
```

Background

The CSS property to change the background color of an element to Hex CEB1F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEB1F8 }
```

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

```
.background{ background-color:#CEB1F8 }
```

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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