

Converting Colors

Hex(CECBF3)

Have a look what the booklet for
Hex(CECBF3) contains.

Hex(CECBF3)	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(CECBF3)

Conversions

Conversions Part 1

Format	Color
Hex	CECBF3
RGB	206, 203, 243
RGB Percent	81%, 80%, 95%
CMY	0.1922, 0.2039, 0.0471
CMYK	0.15, 0.16, 0.00, 0.05
HSL	244°, 62%, 87%
HSV	244°, 16%, 95%
XYZ	62.9872, 62.3047, 93.5003
YIQ	208.4570, -11.0520, 13.0760

Conversions

Conversions Part 2

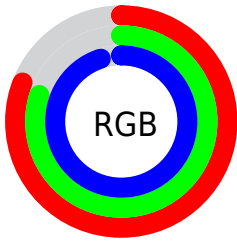
Format	Color
R _{YB}	206, 203, 243
Decimal	13552627
CIE Lab	83.08, 8.87, -19.28
CIE LCh	83, 21.224, 294.712
Yxy	62.3047, 0.2879, 0.2848
Android (android.graphics.Color)	4291742707 (0xFFCECBF3)
YUV	208.4570, 17.0297, -2.1548
Hunter-Lab	78.9334, 4.3060, -14.9784

Details

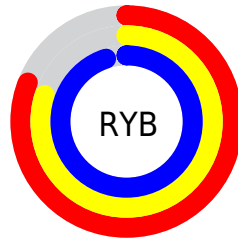
The Hex color **CECBF3** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F0F3CB**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFFFF**, and **9795BB** is the 20% darker color. If you saturate the color by 10%, you get **B8B3F3**, and if you desaturate by 10%, it is **E4E3F3**.

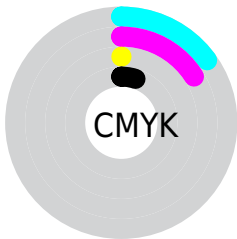
Distribution



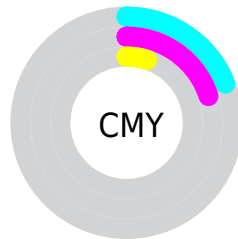
- Red (81%)
- Green (80%)
- Blue (95%)



- Red (81%)
- Yellow (80%)
- Blue (95%)



- Cyan (15%)
- Magenta (16%)
- Yellow (0%)
- Black (5%)



- Cyan (19%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color CECBF3 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 CECBF3 by changing the saturation by 10% instead.

■ CECBF3

FFFFFF

■ CECBF3

■ B2B0D7

■ 9795BB

■ 7D7BA0

■ 646286

■ 4C4B6C

■ 343454

■ 1E1F3C

■ 090627

■ 000111

 CECBF3

 CECBF3

 B8B3F3

 E4E3F3

 A19AF3

 FBFCF3


 8B82F3

 FFFFF3

 746AF3

 5E51F3

 4739F3

 3121F3

 1A09F3

 1200F3

Harmonies

Analogous

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



B4D2F6



CECBF3



E6C5E6

Triad

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



CECBF3



F2C6AF



A2DACB

Complementary

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



CECBF3



F0F3CB

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.



B6D8B7



CECBF3



E2CCA7

Square

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



CECBF3



F9C2BF



CDD3AA



99DADF

Rectangle

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



CECBF3



F1C2DA



CDD3AA



A8DAC4

Sweetspot

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



CECBF3



F3F2FF



CBF0F3



787880



000000



808080

Same Dimension

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



CECBF3



D0CCFF



E2CBF3



6F6E7A



0E00BA



04003B

Inverse Universe

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



F3CBF0



FFCCFB



DCF3CB



7A6E79



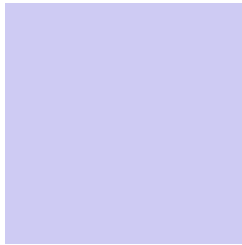
BA00AC



3B0036

Previews

White Background



This preview shows how the Hex color CECBF3 looks on a white background.

Color Contrast Check

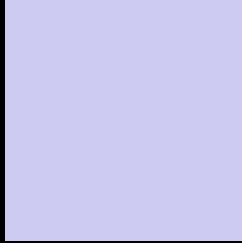
Large Text (above 18pt) WCAG AA × Fail

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 CECBF3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

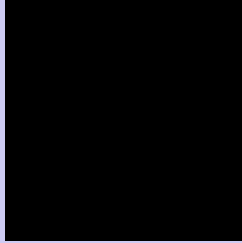
Any Text WCAG AA ✓ Pass

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 CECBF3 Background



This preview shows how black text looks on a background with the Hex color CECBF3.



This preview shows how white text looks on a background with the Hex color CECBF3.

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
CECBF3

Protanopia
C7CDF4

Deuteranopia
D1CAF3

Trichromacy



Original Color
CECBF3

Protanomaly
CACCF4

Deuteranomaly
D0CAF3

Tritanomaly
CBCDE6

Monochromacy



Original Color
CECBF3

Achromatopsia
D0D0D0

Achromatomaly
CFCEDD

CSS Examples

Text

The CSS property to change the color of the text to Hex CECBF3 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 #CECBF3 looks like.

```
.text, #text, p{  
    color:#CECBF3  
}
```

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 #CECBF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CECBF3
}
```

Border

The CSS property to change the border of an element to Hex CECBF3 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
#CECBF3 }
```

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

```
.border{ border-color:#CECBF3 }
```

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

Here you see how a box with a 4 pixel #CECBF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CECBF3; -webkit-box-shadow:4px 4px  
4px 4px #CECBF3; box-shadow:4px 4px 4px  
4px #CECBF3 }
```

Background

The CSS property to change the background color of an element to Hex CECBF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CECBF3 }
```

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

```
.background{ background-color:#CECBF3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor