

Converting Colors

Hex(BEC8E8)

Have a look what the booklet for
Hex(BEC8E8) contains.

Hex(BEC8E8)	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(BEC8E8)

Conversions

Conversions Part 1

Format	Color
Hex	BEC8E8
RGB	190, 200, 232
RGB Percent	75%, 78%, 91%
CMY	0.2549, 0.2157, 0.0902
CMYK	0.18, 0.14, 0.00, 0.09
HSL	226°, 48%, 83%
HSV	226°, 18%, 91%
XYZ	56.4550, 58.0819, 84.5794
YIQ	200.6580, -16.2320, 7.8320

Conversions

Conversions Part 2

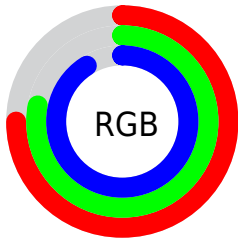
Format	Color
R_{YB}	190, 198, 232
Decimal	12503272
CIE _{Lab}	80.78, 3.12, -16.98
CIE _{LCh}	81, 17.266, 280.427
Yxy	58.0819, 0.2835, 0.2917
Android (android.graphics.Color)	4290693352 (0xFFBEC8E8)
YUV	200.6580, 15.4516, -9.3471
Hunter-Lab	76.2115, -1.1431, -12.4519

Details

The Hex color **BEC8E8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E8DEBE**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **F7FFFF**, and **8892B0** is the 20% darker color. If you saturate the color by 10%, you get **A7B6E8**, and if you desaturate by 10%, it is **D5DAE8**.

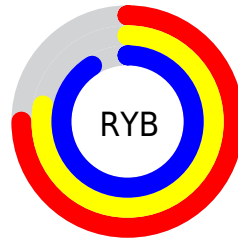
Distribution



Red (75%)

Green (78%)

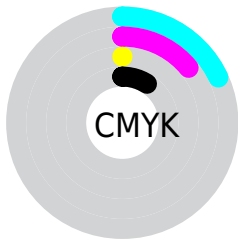
Blue (91%)



Red (75%)

Yellow (78%)

Blue (91%)

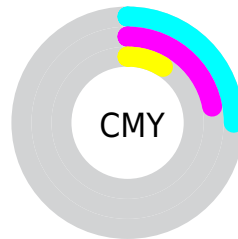


Cyan (18%)

Magenta (14%)

Yellow (0%)

Black (9%)



Cyan (25%)

Magenta (22%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color BEC8E8 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 BEC8E8 by changing the saturation by 10% instead.

 BEC8E8

 BEC8E8

FFFFFF

 A3ADCC

 F7FFFF

 8892B0

 6E7896

 56607C

 3E4863

 27324B

 101D34

 00021F

 000003

 BEC8E8

 BEC8E8

 A7B6E8

 D5DAE8

 90A5E8

 ECEBE8

 7893E8

 FFFDE8

 6181E8

 FFFF E8

 4A70E8

 335EE8

 1C4CE8

 043BE8

 0037E8

Harmonies

Analogous

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



ABCDE6



BEC8E8



D3C3E1

Triad

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



BEC8E8



E9BFB4



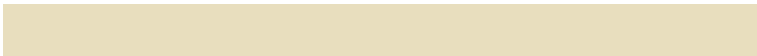
ACD1BD

Complementary

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



BEC8E8



E8DEBE

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.



BDCEB0



BEC8E8



DFC4AB

Square

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



BEC8E8



EABDC3



D0C9A9



A0D2CE

Rectangle

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



BEC8E8



DEC0D9



D0C9A9



B1D0B8

Sweetspot

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



BEC8E8



F2F5FF



BEE8DE



787A80



000000



808080

Same Dimension

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



BEC8E8



C7D4FF



C9BEE8



676A73



002BB3



000C33

Inverse Universe

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



E8BEC8



FFC7D4



DEE8BE



73676A



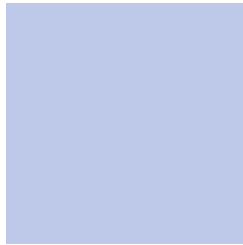
B3002B



33000C

Previews

White Background



This preview shows how the Hex color BEC8E8 looks on a white background.

Color Contrast Check

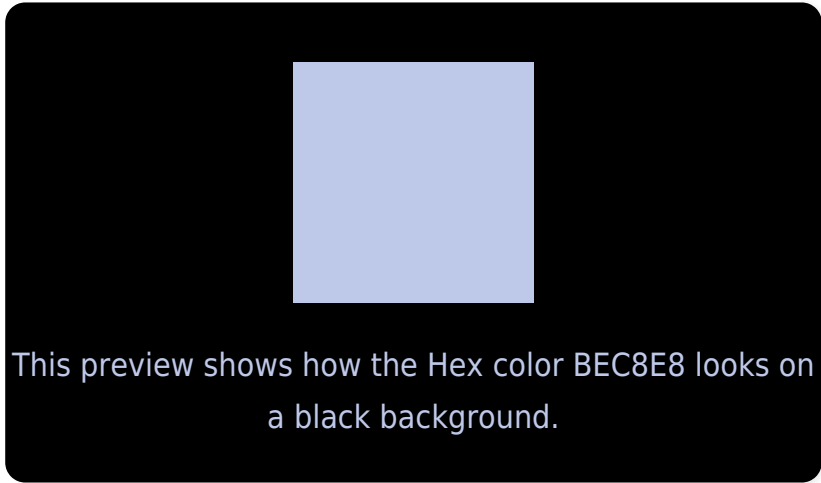
Large Text (above 18pt) WCAG AA × Fail

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

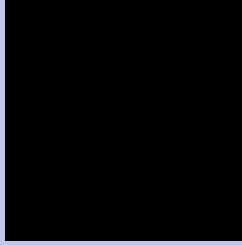
Any Text WCAG AA ✓ Pass

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 BEC8E8 Background



This preview shows how black text looks on a background with the Hex color BEC8E8.

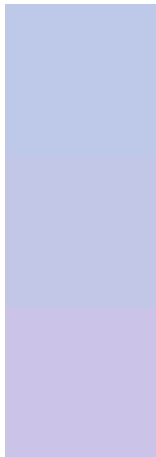


This preview shows how white text looks on a background with the Hex color BEC8E8.

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

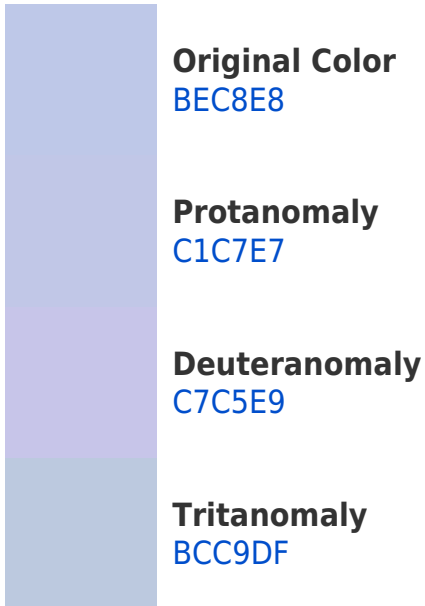


Original Color
BEC8E8

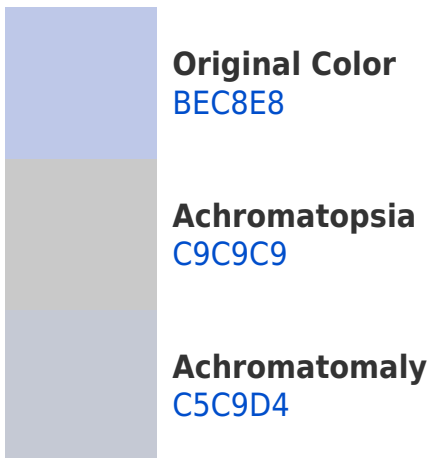
Protanopia
C3C7E7

Deuteranopia
CCC3E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BEC8E8 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 #BEC8E8 looks like.

```
.text, #text, p{  
    color:#BEC8E8  
}
```

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 #BEC8E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEC8E8  
}
```

Border

The CSS property to change the border of an element to Hex BEC8E8 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  
#BEC8E8 }
```

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

```
.border{ border-color:#BEC8E8 }
```

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

Here you see how a box with a 4 pixel #BEC8E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEC8E8; -webkit-box-shadow:4px 4px  
4px 4px #BEC8E8; box-shadow:4px 4px 4px  
4px #BEC8E8 }
```

Background

The CSS property to change the background color of an element to Hex BEC8E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEC8E8 }
```

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

```
.background{ background-color:#BEC8E8 }
```

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