

# Converting Colors

Hex(BBE1EC)

Have a look what the booklet for  
Hex(BBE1EC) contains.

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# **Color**

**Hex(BBE1EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBE1EC
RGB	187, 225, 236
RGB Percent	73%, 88%, 93%
CMY	0.2667, 0.1176, 0.0745
CMYK	0.21, 0.05, 0.00, 0.07
HSL	193°, 56%, 83%
HSV	193°, 21%, 93%
XYZ	62.5591, 70.4714, 89.6620
YIQ	214.8920, -26.1790, -4.6350

# Conversions

## Conversions Part 2

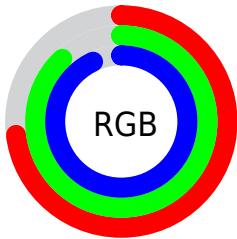
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 208, 236
Decimal	12313068
CIELab	87.23, -10.02, -9.48
CIELCh	87, 13.793, 223.438
Yxy	70.4714, 0.2809, 0.3165
Android (android.graphics.Color)	4290503148 (0xFFBBE1EC)
YUV	214.8920, 10.4062, -24.4613
Hunter-Lab	83.9472, -13.8861, -4.5632

# Details

The Hex color **BBE1EC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **ECC6BB**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **F4FFFF**, and **85AAB4** is the 20% darker color. If you saturate the color by 10%, you get **A3DCEC**, and if you desaturate by 10%, it is **D3E6EC**.

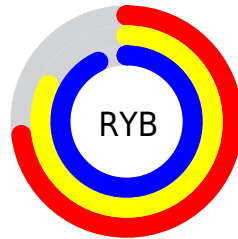
# Distribution



Red (73%)

Green (88%)

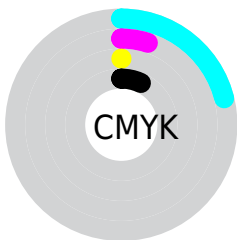
Blue (93%)



Red (73%)

Yellow (82%)

Blue (93%)

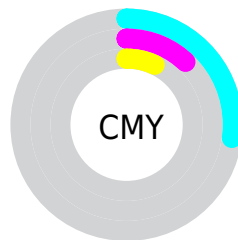


Cyan (21%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (27%)

Magenta (12%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBE1EC 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 BBE1EC by changing the saturation by 10% instead.



 BBE1EC

FFFFFF

 F4FFFF

 BBE1EC

 A0C5D0

 85AAB4

 6B8F99

 52767F

 395D66

 21454E

 062F38

 001B22

 00000B

■ BBE1EC

■ BBE1EC

■ A3DCEC

■ D3E6EC

■ 8CD6EC

■ EAECEC

■ 74D1EC

■ FFF1EC

■ 5DCCEC

■ FFF6EC

■ 45C7EC

■ FFFBEC

■ 2DC1EC

■ FFFFEC

■ 16BCEC

■ 00B7EC

# Harmonies

## Analogous

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



BAE2E0



BBE1EC



C5DEF3

# Triad

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



BBE1EC



F1D2E2



DFDBC1

# Complementary

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



BBE1EC



ECC6BB

# 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.



ECD7C2



BBE1EC



F7D2D5

# Square

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



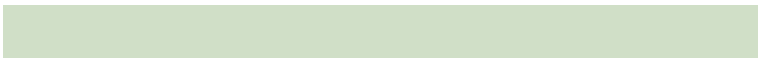
BBE1EC



E4D5EE



F5D4C9



D0DFC7

# Rectangle

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



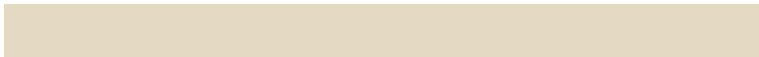
BBE1EC



CFDBF4



F5D4C9



E4DAC1

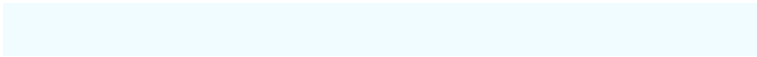


# Sweetspot

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



BBE1EC



F0FCFF



BBECC6



777D80



000000



808080

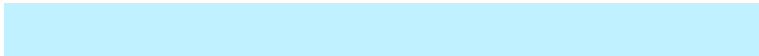


# Same Dimension

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



BBE1EC



BFF1FF



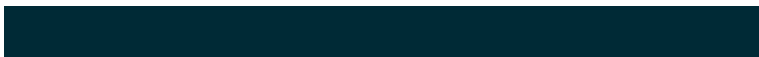
BBC9EC



6A7375



008CB5



002A36



# Inverse Universe

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



ECBBE1



FFBFF1



ECDEBB



756A73



B5008C

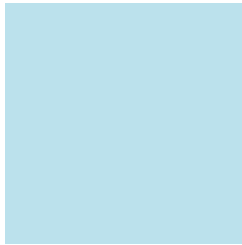


36002A



# Previews

## White Background



This preview shows how the Hex color BBE1EC looks on a white background.

## Color Contrast Check

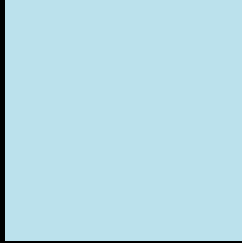
Large Text (above 18pt) WCAG AA × Fail

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 BBE1EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

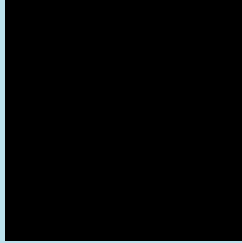
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBE1EC Background



This preview shows how black text looks on a background with the Hex color BBE1EC.

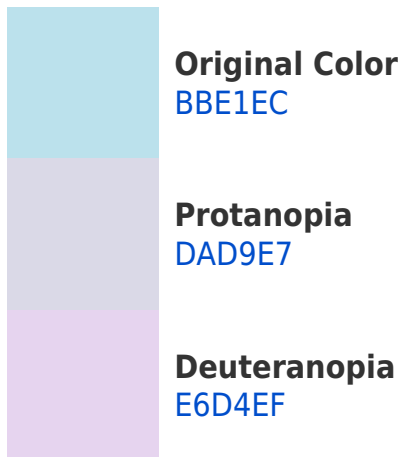


This preview shows how white text looks on a background with the Hex color BBE1EC.

# Color Blindness Simulation

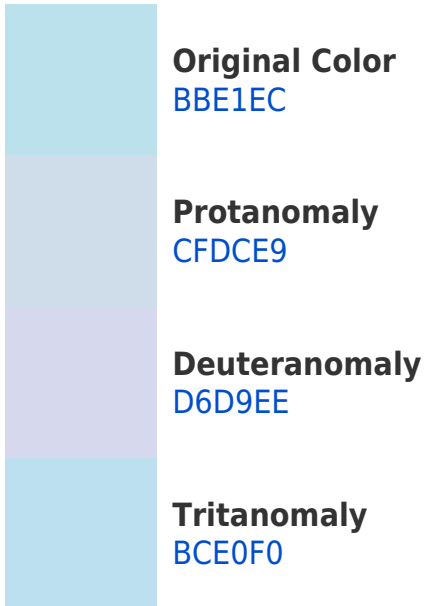
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

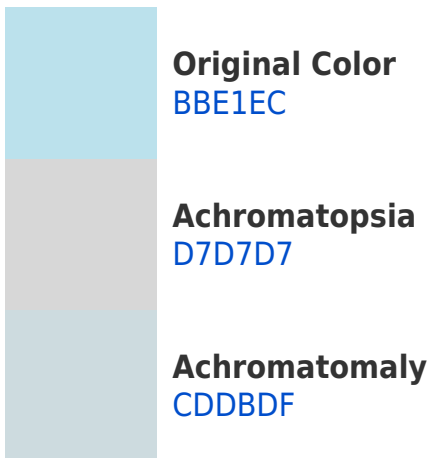




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBE1EC 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 #BBE1EC looks like.

```
.text, #text, p{  
    color:#BBE1EC  
}
```

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 #BBE1EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBE1EC
}
```

## Border

The CSS property to change the border of an element to Hex BBE1EC 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
#BBE1EC }
```

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

```
.border{ border-color:#BBE1EC }
```

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

Here you see how a box with a 4 pixel #BBE1EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBE1EC; -webkit-box-shadow:4px 4px  
4px 4px #BBE1EC; box-shadow:4px 4px 4px  
4px #BBE1EC }
```

# Background

The CSS property to change the background color of an element to Hex BBE1EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBE1EC }
```

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

```
.background{ background-color:#BBE1EC }
```

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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