

# Converting Colors

Hex(BBE1E1)

Have a look what the booklet for  
Hex(BBE1E1) contains.

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# **Color**

**Hex(BBE1E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBE1E1
RGB	187, 225, 225
RGB Percent	73%, 88%, 88%
CMY	0.2667, 0.1176, 0.1176
CMYK	0.17, 0.00, 0.00, 0.12
HSL	180°, 39%, 81%
HSV	180°, 17%, 88%
XYZ	61.0093, 69.8515, 81.5013
YIQ	213.6380, -22.6480, -8.0560

# Conversions

## Conversions Part 2

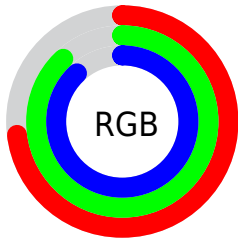
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 206, 225
Decimal	12313057
CIELab	86.92, -12.33, -4.14
CIElCh	87, 13.004, 198.553
Yxy	69.8515, 0.2873, 0.3289
Android (android.graphics.Color)	4290503137 (0xFFBBE1E1)
YUV	213.6380, 5.6015, -23.3615
Hunter-Lab	83.5772, -15.9594, 0.6867

# Details

The Hex color **BBE1E1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E1BBBB**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **F4FFFF**, and **85AAAA** is the 20% darker color. If you saturate the color by 10%, you get **A4E1E1**, and if you desaturate by 10%, it is **D2E1E1**.

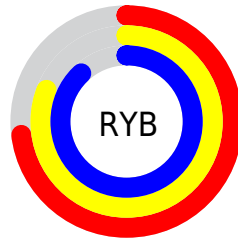
# Distribution



Red (73%)

Green (88%)

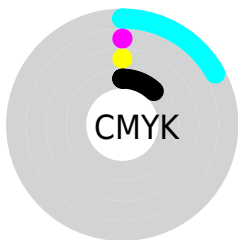
Blue (88%)



Red (73%)

Yellow (81%)

Blue (88%)

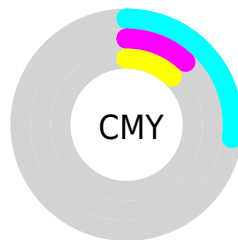


Cyan (17%)

Magenta (0%)

Yellow (0%)

Black (12%)



Cyan (27%)

Magenta (12%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBE1E1 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 BBE1E1 by changing the saturation by 10% instead.



 BBE1E1

 BBE1E1

FFFFFF

 A0C5C5

 F4FFFF

 85AAAA

 6B8F8F

 527676

 3A5D5D

 234546

 0A2F2F

 001B1B

 000000

 BBE1E1

 BBE1E1

 A4E1E1

 D2E1E1

 8EE1E1

 E8E1E1

 77E1E1

 FFE1E1

 61E1E1

 4BE1E1

 34E1E1

 1EE1E1

 07E1E1

 00E1E1

# Harmonies

## Analogous

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



C1E1D4



BBE1E1



BDDFEC

# Triad

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



BBE1E1



E5D4EA



E9D7C2

# Complementary

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



BBE1E1



E1BBBB

# 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.



F2D4C8



BBE1E1



F0D2DF

# Square

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



BBE1E1



D6D8F1



F4D2D2



DCDBC2

# Rectangle

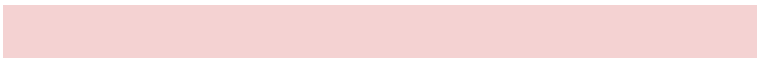
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BBE1E1



C3DDF0



F4D2D2



ECD6C3



# Sweetspot

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



BBE1E1



F2FFFF



BBE1BB



788080



000000



808080



# Same Dimension

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



BBE1E1



CCFFFF



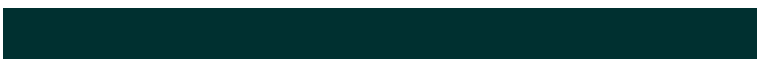
BBCEE1



657070



00B0B0



003030



# Inverse Universe

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



E1BBE1



FFCCFF



E1CEBB



706570



B000B0

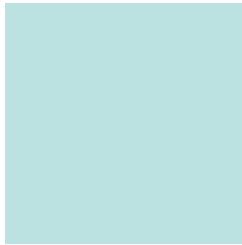


300030



# Previews

## White Background



This preview shows how the Hex color BBE1E1 looks on a white background.

## Color Contrast Check

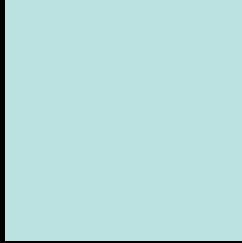
Large Text (above 18pt) WCAG AA × Fail

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 BBE1E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

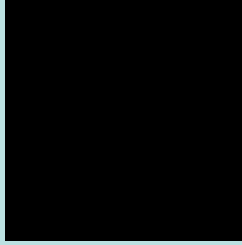
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

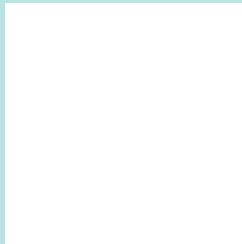
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BBE1E1 Background



This preview shows how black text looks on a background with the Hex color BBE1E1.

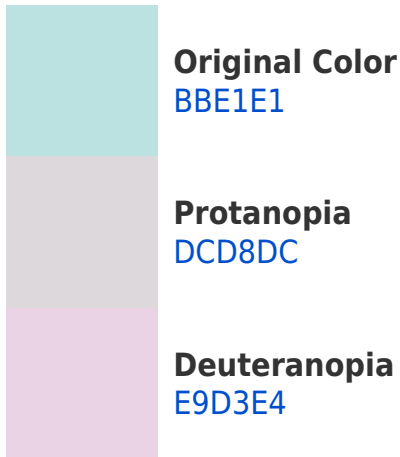


This preview shows how white text looks on a background with the Hex color BBE1E1.

# Color Blindness Simulation

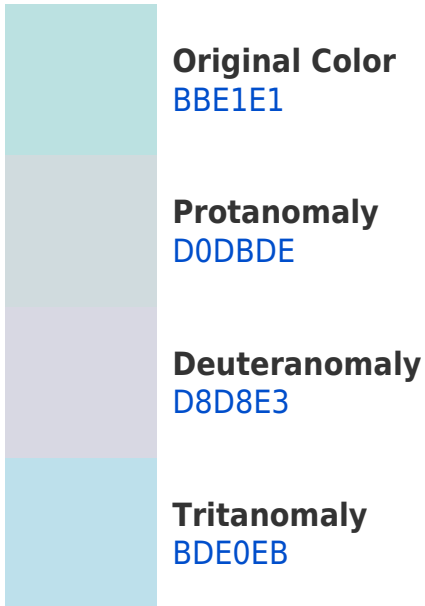
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

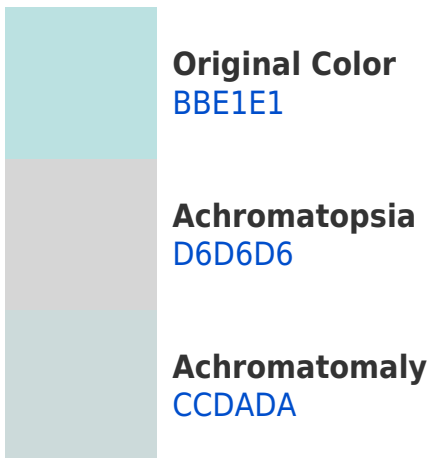




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBE1E1 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 #BBE1E1 looks like.

```
.text, #text, p{  
    color:#BBE1E1  
}
```

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 #BBE1E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBE1E1
}
```

## Border

The CSS property to change the border of an element to Hex BBE1E1 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
#BBE1E1 }
```

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

```
.border{ border-color:#BBE1E1 }
```

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

Here you see how a box with a 4 pixel #BBE1E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBE1E1; -webkit-box-shadow:4px 4px  
4px 4px #BBE1E1; box-shadow:4px 4px 4px  
4px #BBE1E1 }
```

# Background

The CSS property to change the background color of an element to Hex BBE1E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBE1E1 }
```

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

```
.background{ background-color:#BBE1E1 }
```

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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