

# Converting Colors

Hex(BCE7E7)

Have a look what the booklet for  
Hex(BCE7E7) contains.

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# **Color**

**Hex(BCE7E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCE7E7
RGB	188, 231, 231
RGB Percent	74%, 91%, 91%
CMY	0.2627, 0.0941, 0.0941
CMYK	0.19, 0.00, 0.00, 0.09
HSL	180°, 47%, 82%
HSV	180°, 19%, 91%
XYZ	63.7388, 73.6127, 86.4506
YIQ	218.1430, -25.6280, -9.1160

# Conversions

## Conversions Part 2

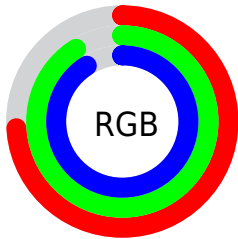
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	188, 210, 231
Decimal	12380135
CIE Lab	88.74, -13.81, -4.61
CIE LCh	89, 14.563, 198.462
Yxy	73.6127, 0.2848, 0.3289
Android (android.graphics.Color)	4290570215 (0xFFBCE7E7)
YUV	218.1430, 6.3385, -26.4354
Hunter-Lab	85.7979, -17.5396, 0.3174

# Details

The Hex color **BCE7E7** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E7BCBC**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **F5FFFF**, and **86AFAF** is the 20% darker color. If you saturate the color by 10%, you get **A5E7E7**, and if you desaturate by 10%, it is **D3E7E7**.

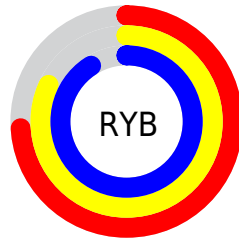
# Distribution



Red (74%)

Green (91%)

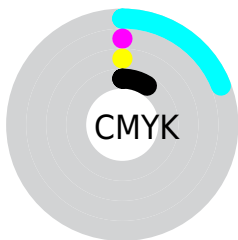
Blue (91%)



Red (74%)

Yellow (82%)

Blue (91%)

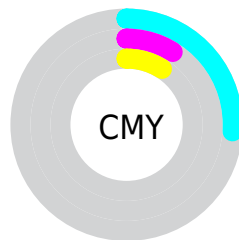


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (9%)



Cyan (26%)

Magenta (9%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCE7E7 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 BCE7E7 by changing the saturation by 10% instead.



 BCE7E7

 BCE7E7

FFFFFF

 A1CBCB

 F5FFFF

 86AFAF

 6C9595

 537B7B

 3A6262

 224A4A

 083334

 001E1F

 000006

 BCE7E7

 BCE7E7

 A5E7E7

 D3E7E7

 8EE7E7

 EAE7E7

 77E7E7

 FFE7E7

 60E7E7

 49E7E7

 31E7E7

 1AE7E7

 03E7E7

 00E7E7

# Harmonies

## Analogous

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



C3E7D9



BCE7E7



BEE5F3

# Triad

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



BCE7E7



ECD9F1



F0DCC4

# Complementary

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



BCE7E7



E7BCBC

# 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.



FAD8CB



BCE7E7



F8D6E5

# Square

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



BCE7E7



DBDDF9



FDD6D7



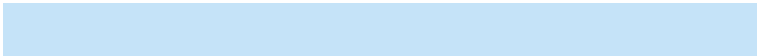
E1E1C4

# Rectangle

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



BCE7E7



C5E3F8



FDD6D7



F4DBC5



# Sweetspot

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



BCE7E7



F0FFFF



BCE7BC



778080



000000



808080



# Same Dimension

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



BCE7E7



C7FFFF



BCD2E7



677373



00B3B3



003333



# Inverse Universe

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



E7BCE7



FFC7FF



E7D2BC



736773



B300B3

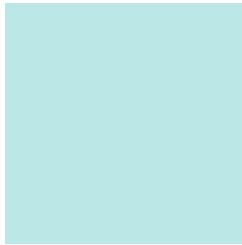


330033



# Previews

## White Background



This preview shows how the Hex color BCE7E7 looks on a white background.

## Color Contrast Check

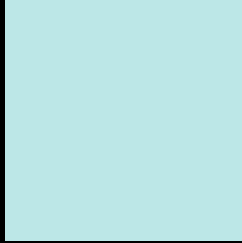
Large Text (above 18pt) WCAG AA × Fail

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 BCE7E7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

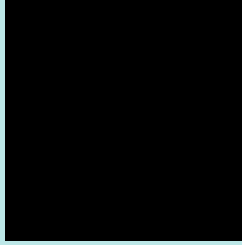
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

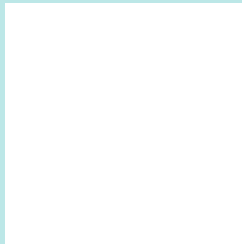
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BCE7E7 Background



This preview shows how black text looks on a background with the Hex color BCE7E7.



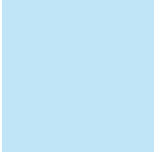
This preview shows how white text looks on a background with the Hex color BCE7E7.

# 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](#).

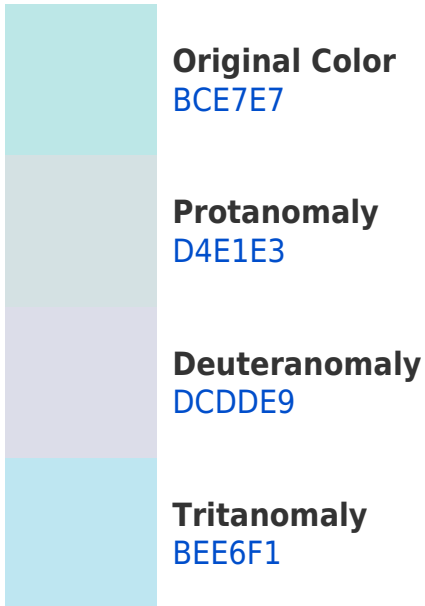
## Dichromacy



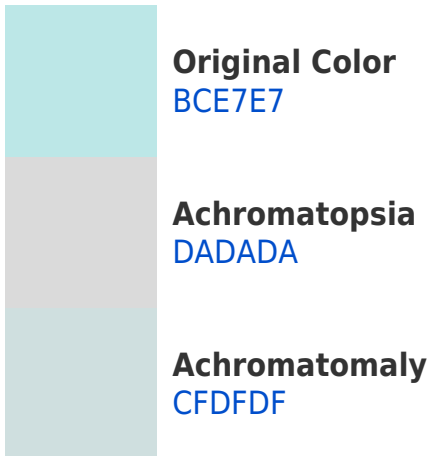


**Tritanopia**  
BFE5F7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCE7E7 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 #BCE7E7 looks like.

```
.text, #text, p{  
    color:#BCE7E7  
}
```

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 #BCE7E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCE7E7
}
```

## Border

The CSS property to change the border of an element to Hex BCE7E7 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
#BCE7E7 }
```

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

```
.border{ border-color:#BCE7E7 }
```

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

Here you see how a box with a 4 pixel `#BCE7E7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCE7E7; -webkit-box-shadow:4px 4px  
4px 4px #BCE7E7; box-shadow:4px 4px 4px  
4px #BCE7E7 }
```

# Background

The CSS property to change the background color of an element to Hex BCE7E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCE7E7 }
```

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

```
.background{ background-color:#BCE7E7 }
```

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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