

# Converting Colors

Hex(B0E7DC)

Have a look what the booklet for  
Hex(B0E7DC) contains.

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# **Color**

**Hex(B0E7DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0E7DC
RGB	176, 231, 220
RGB Percent	69%, 91%, 86%
CMY	0.3098, 0.0941, 0.1373
CMYK	0.24, 0.00, 0.05, 0.09
HSL	168°, 53%, 80%
HSV	168°, 24%, 91%
XYZ	59.3987, 71.5492, 78.3899
YIQ	213.3010, -29.2490, -15.0810

# Conversions

## Conversions Part 2

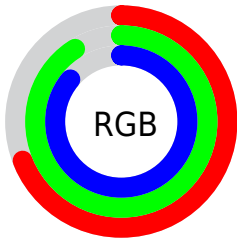
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 207, 231
Decimal	11593692
CIELab	87.75, -19.72, -0.37
CIELCh	88, 19.726, 181.076
Yxy	71.5492, 0.2837, 0.3418
Android (android.graphics.Color)	4289783772 (0xFFB0E7DC)
YUV	213.3010, 3.3026, -32.7130
Hunter-Lab	84.5868, -22.6803, 4.2644

# Details

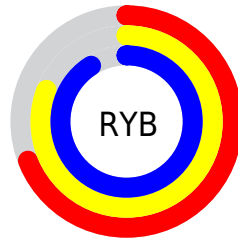
The Hex color **B0E7DC** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E7B0BB**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **E9FFFF**, and **7AAFA5** is the 20% darker color. If you saturate the color by 10%, you get **99E7D7**, and if you desaturate by 10%, it is **C7E7E1**.

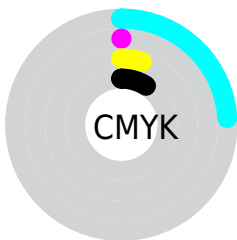
# Distribution



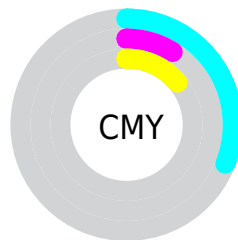
- Red (69%)
- Green (91%)
- Blue (86%)



- Red (69%)
- Yellow (81%)
- Blue (91%)



- Cyan (24%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0E7DC 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 B0E7DC by changing the saturation by 10% instead.



 B0E7DC

 B0E7DC

FFFFFF

 95CBC0

 E9FFFF

 7Aafa5

 60958B

 477B71

 2E6259

 134A42

 00332C

 001E17

 000000

 B0E7DC

 B0E7DC

 99E7D7

 C7E7E1

 82E7D3

 DEE7E5

 6BE7CE

 F5E7EA

 54E7CA

 FFE7EE

 3CE7C5

 FFE7F3

 25E7C0

 FFE7F8

 0EE7BC

 FFE7FC

 00E7B9

 FFE7FF

# Harmonies

## Analogous

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



C0E5C9



B0E7DC



ABE6EF

# Triad

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



B0E7DC



E0D7FC



FBD5BC

# Complementary

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



B0E7DC



E7B0BB

# 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.



FFD0C9



B0E7DC



F5D2EE

# Square

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



B0E7DC



C8DDFF



FFCFDC



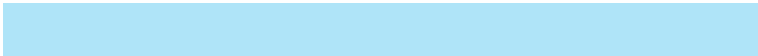
EADBB7

# Rectangle

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



`B0E7DC`



`AFE4F8`



`FFCFDC`



`FED3C0`



# Sweetspot

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



B0E7DC



EDFFFB



BBE7B0



75807D



000000



808080

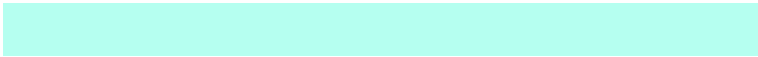


# Same Dimension

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



B0E7DC



B5FFF0



B0D6E7



677370



00B38F



003329



# Inverse Universe

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



E7B0BB



FFB5C4



E7C1B0



73676A



B30024

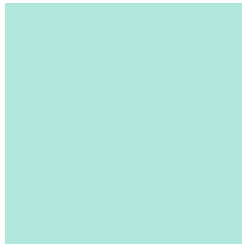


33000A



# Previews

## White Background



This preview shows how the Hex color B0E7DC looks on a white background.

## Color Contrast Check

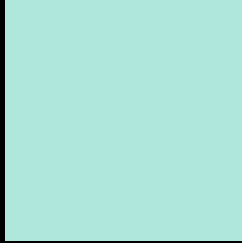
Large Text (above 18pt) WCAG AA × Fail

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 B0E7DC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

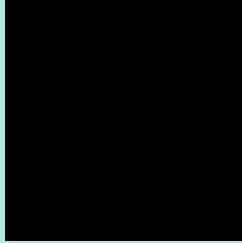
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

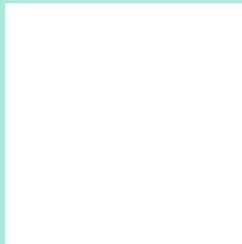
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0E7DC Background



This preview shows how black text looks on a background with the Hex color B0E7DC.

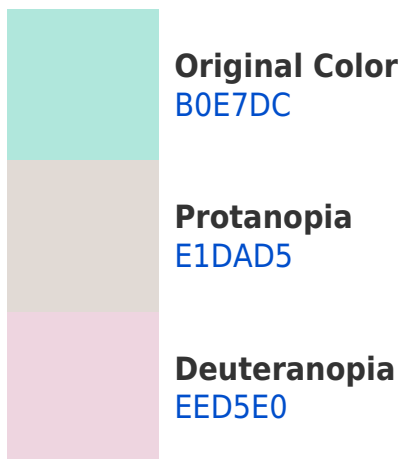


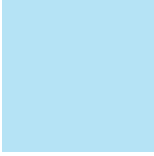
This preview shows how white text looks on a background with the Hex color B0E7DC.

# 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](#).

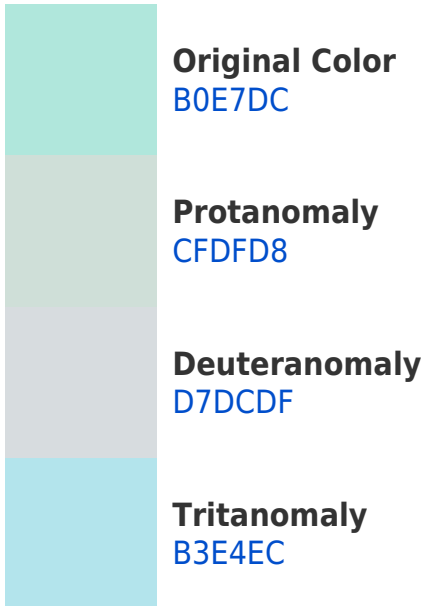
## Dichromacy



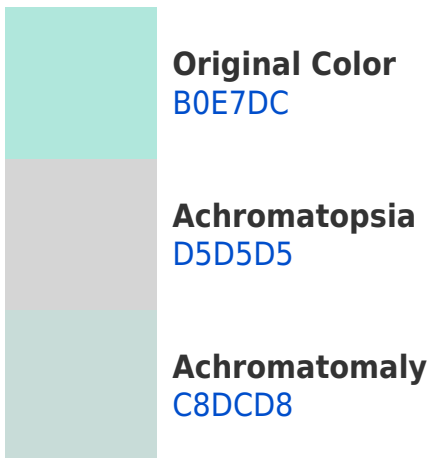


**Tritanopia**  
B5E3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0E7DC 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 #B0E7DC looks like.

```
.text, #text, p{  
    color:#B0E7DC  
}
```

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 #B0E7DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E7DC
}
```

## Border

The CSS property to change the border of an element to Hex B0E7DC 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
#B0E7DC }
```

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

```
.border{ border-color:#B0E7DC }
```

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

Here you see how a box with a 4 pixel #B0E7DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E7DC; -webkit-box-shadow:4px 4px  
4px 4px #B0E7DC; box-shadow:4px 4px 4px  
4px #B0E7DC }
```

# Background

The CSS property to change the background color of an element to Hex B0E7DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E7DC }
```

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

```
.background{ background-color:#B0E7DC }
```

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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