

# Converting Colors

Hex(B0E3CE)

Have a look what the booklet for  
Hex(B0E3CE) contains.

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# **Color**

**Hex(B0E3CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<code>B0E3CE</code>
RGB	176, 227, 206
RGB Percent	69%, 89%, 81%
CMY	0.3098, 0.1098, 0.1922
CMYK	0.22, 0.00, 0.09, 0.11
HSL	155°, 48%, 79%
HSV	155°, 22%, 89%
XYZ	56.5142, 68.6245, 68.6598
YIQ	209.3570, -23.6550, -17.3430

# Conversions

## Conversions Part 2

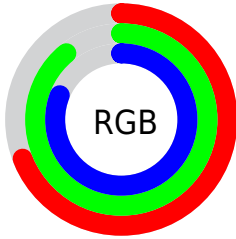
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 208, 227
Decimal	11592654
CIELab	86.32, -20.58, 4.90
CIELCh	86, 21.156, 166.595
Yxy	68.6245, 0.2916, 0.3541
Android (android.graphics.Color)	4289782734 (0xFFB0E3CE)
YUV	209.3570, -1.6550, -29.2541
Hunter-Lab	82.8399, -23.1955, 8.8469

# Details

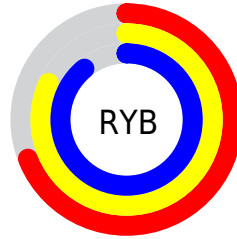
The Hex color **B0E3CE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3B0C5**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **E8FFFF**, and **7AAB98** is the 20% darker color. If you saturate the color by 10%, you get **99E3C5**, and if you desaturate by 10%, it is **C7E3D7**.

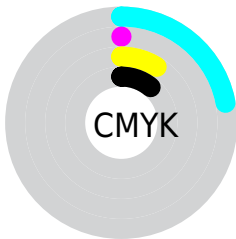
# Distribution



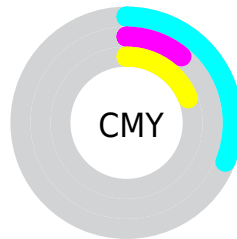
- Red (69%)
- Green (89%)
- Blue (81%)



- Red (69%)
- Yellow (82%)
- Blue (89%)



- Cyan (22%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0E3CE 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 B0E3CE by changing the saturation by 10% instead.



 B0E3CE

 B0E3CE

FFFFFF

 95C7B3

 E8FFFF


 7AAB98

 61917E

 487765

 2F5E4D

 174636

 002F21

 001C0A

 000000

 B0E3CE

 B0E3CE

 99E3C5

 C7E3D7

 83E3BB

 DDE3E1

 6CE3B2

 F4E3EA

 55E3A9


 FFE3F3

 3FE39F

 FFE3FD

 28E396

 FFE3FF

 11E38D

 00E386

# Harmonies

## Analogous

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



C5E0BC



B0E3CE



A3E4E3

# Triad

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



B0E3CE



D0D6FE



FECEBC

# Complementary

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



B0E3CE



E3B0C5

# 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.



FFCADC



B0E3CE



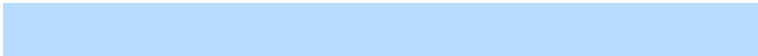
E9CFF4

# Square

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



B0E3CE



B6DCFE



FBCBE2



F0D4B1

# Rectangle

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



**B0E3CE**



**A3E2EF**



**FBCBE2**



**FFCC1**



# Sweetspot

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



B0E3CE



EDFFF8



C5E3B0



75807B



000000



808080

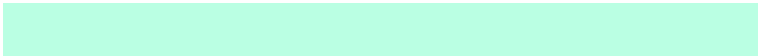


# Same Dimension

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



B0E3CE



BAFFE3



B0DFE3



67736E



00B369



00331E



# Inverse Universe

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



E3B0C5



FFBAD7



E3B4B0



73676C



B3004A



330015



# Previews

## White Background



This preview shows how the Hex color B0E3CE looks on a white background.

## Color Contrast Check

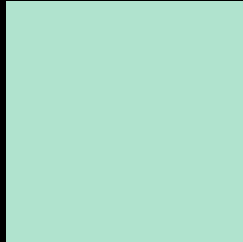
Large Text (above 18pt) WCAG AA × Fail

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 B0E3CE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

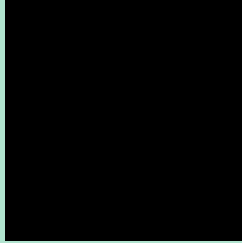
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

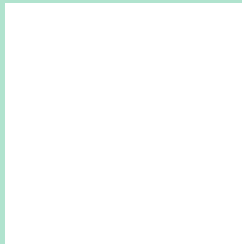
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0E3CE Background



This preview shows how black text looks on a background with the Hex color B0E3CE.

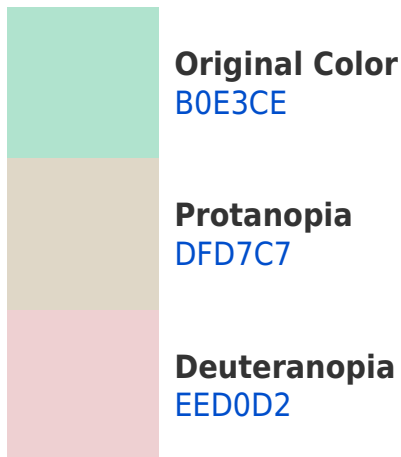


This preview shows how white text looks on a background with the Hex color B0E3CE.

# 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



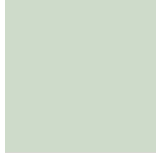


**Tritanopia**  
B7DEF0

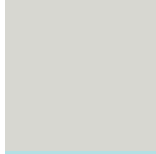
# Trichromacy



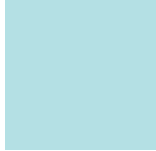
**Original Color**  
B0E3CE



**Protanomaly**  
CEDBCA



**Deuteranomaly**  
D7D7D1

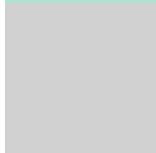


**Tritanomaly**  
B4E0E4

# Monochromacy



**Original Color**  
B0E3CE



**Achromatopsia**  
D1D1D1



**Achromatomaly**  
C5D8D0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0E3CE 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 #B0E3CE looks like.

```
.text, #text, p{  
  color:#B0E3CE  
}
```

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 #B0E3CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E3CE
}
```

## Border

The CSS property to change the border of an element to Hex B0E3CE 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
#B0E3CE }
```

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

```
.border{ border-color:#B0E3CE }
```

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

Here you see how a box with a 4 pixel #B0E3CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E3CE; -webkit-box-shadow:4px 4px  
4px 4px #B0E3CE; box-shadow:4px 4px 4px  
4px #B0E3CE }
```

# Background

The CSS property to change the background color of an element to Hex B0E3CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E3CE }
```

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

```
.background{ background-color:#B0E3CE }
```

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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