

Converting Colors

Hex(B0E7C0)

Have a look what the booklet for
Hex(B0E7C0) contains.

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Color

Hex(B0E7C0)

Conversions

Conversions Part 1

Format	Color
Hex	B0E7C0
RGB	176, 231, 192
RGB Percent	69%, 91%, 75%
CMY	0.3098, 0.0941, 0.2471
CMYK	0.24, 0.00, 0.17, 0.09
HSL	137°, 53%, 80%
HSV	137°, 24%, 91%
XYZ	55.9948, 70.1877, 60.4655
YIQ	210.1090, -20.2610, -23.7890

Conversions

Conversions Part 2

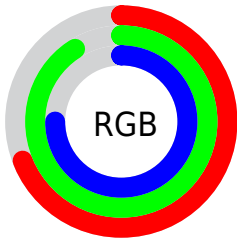
Format	Color
RYB	176, 219, 231
Decimal	11593664
CIELab	87.09, -25.19, 13.35
CIElCh	87, 28.512, 152.086
Yxy	70.1877, 0.3000, 0.3760
Android (android.graphics.Color)	4289783744 (0xFFB0E7C0)
YUV	210.1090, -8.9277, -29.9136
Hunter-Lab	83.7781, -27.3075, 15.8531

Details

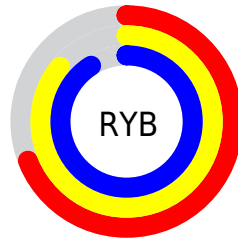
The Hex color **B0E7C0** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E7B0D7**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **E8FFF8**, and **7AAF8A** is the 20% darker color. If you saturate the color by 10%, you get **99E7B0**, and if you desaturate by 10%, it is **C7E7D0**.

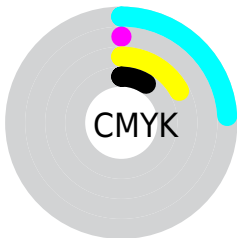
Distribution



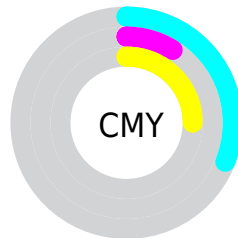
- Red (69%)
- Green (91%)
- Blue (75%)



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



- Cyan (24%)
- Magenta (0%)
- Yellow (17%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0E7C0 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 B0E7C0 by changing the saturation by 10% instead.

 B0E7C0

 B0E7C0

FFFFFF

 95CBA5

 E8FFF8

 7AAF8A

 619471

 477A58

 2F6141

 16492B

 003216

 001F00

 000000

 B0E7C0

 B0E7C0

 99E7B0

 C7E7D0

 82E79F

 DEE7E1

 6BE78F

 F5E7F1

 54E77E

 FFE7FF

 3CE76E

 25E75E

 0EE74D

 00E743

Harmonies

Analogous

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



CFE1AC



B0E7C0



96EADB

Triad

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



B0E7C0



BCDCFF



FFC9BF

Complementary

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



B0E7C0



E7B0D7

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.



FFC7D9



B0E7C0



E1D3FF

Square

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



B0E7C0



9BE4FF



FFCAF4



FFD0AB

Rectangle

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



B0E7C0



8DE9ED



FFCAF4



FFC7C7

Sweetspot

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



B0E7C0



EDFFF2



D7E7B0



758078



000000



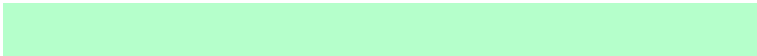
808080

Same Dimension

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



B0E7C0



B5FFCB



B0E7DB



67736B



00B334



00330F

Inverse Universe

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



E7B0D7



FFB5E9



E7B0BC



73676F



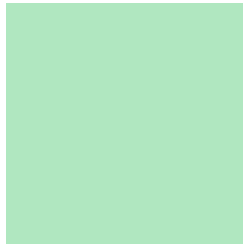
B3007F



330024

Previews

White Background



This preview shows how the Hex color B0E7C0 looks on a white background.

Color Contrast Check

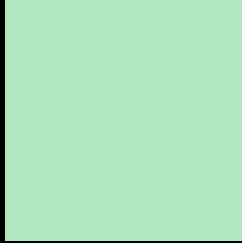
Large Text (above 18pt) WCAG AA × Fail

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 B0E7C0 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 B0E7C0 Background



This preview shows how black text looks on a background with the Hex color B0E7C0.

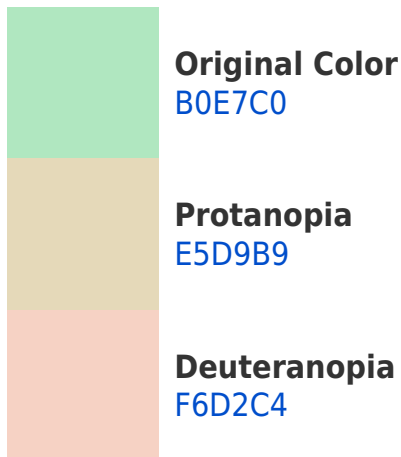


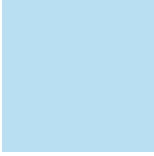
This preview shows how white text looks on a background with the Hex color B0E7C0.

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



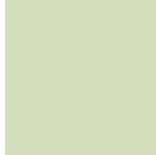


Tritanopia
B9E0F2

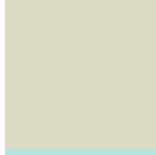
Trichromacy



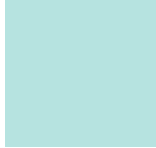
Original Color
B0E7C0



Protanomaly
D2DEBC



Deuteranomaly
DDDAC3

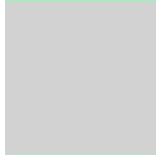


Tritanomaly
B6E3E0

Monochromacy



Original Color
B0E7C0



Achromatopsia
D2D2D2



Achromatomaly
C6DACB

CSS Examples

Text

The CSS property to change the color of the text to Hex B0E7C0 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 #B0E7C0 looks like.

```
.text, #text, p{  
    color:#B0E7C0  
}
```

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 #B0E7C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E7C0  
}
```

Border

The CSS property to change the border of an element to Hex B0E7C0 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  
#B0E7C0 }
```

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

```
.border{ border-color:#B0E7C0 }
```

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

Here you see how a box with a 4 pixel #B0E7C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E7C0; -webkit-box-shadow:4px 4px  
4px 4px #B0E7C0; box-shadow:4px 4px 4px  
4px #B0E7C0 }
```

Background

The CSS property to change the background color of an element to Hex B0E7C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E7C0 }
```

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

```
.background{ background-color:#B0E7C0 }
```

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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