

Converting Colors

Hex(B0E4E4)

Have a look what the booklet for
Hex(B0E4E4) contains.

Hex(B0E4E4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B0E4E4)

Conversions

Conversions Part 1

Format	Color
Hex	B0E4E4
RGB	176, 228, 228
RGB Percent	69%, 89%, 89%
CMY	0.3098, 0.1059, 0.1059
CMYK	0.23, 0.00, 0.00, 0.11
HSL	180°, 49%, 79%
HSV	180°, 23%, 89%
XYZ	59.6515, 70.3183, 83.8276
YIQ	212.4520, -30.9920, -11.0240

Conversions

Conversions Part 2

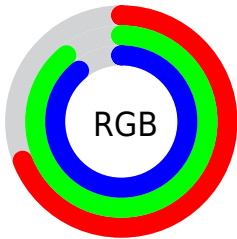
Format	Color
RYB	176, 202, 228
Decimal	11592932
CIELab	87.15, -16.54, -5.45
CIElCh	87, 17.414, 198.254
Yxy	70.3183, 0.2790, 0.3289
Android (android.graphics.Color)	4289783012 (0xFFB0E4E4)
YUV	212.4520, 7.6652, -31.9684
Hunter-Lab	83.8560, -19.7710, -0.5707

Details

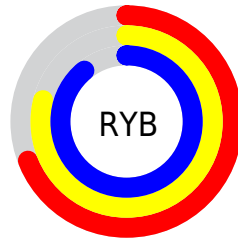
The Hex color **B0E4E4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E4B0B0**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **E9FFFF**, and **7AACAD** is the 20% darker color. If you saturate the color by 10%, you get **99E4E4**, and if you desaturate by 10%, it is **C7E4E4**.

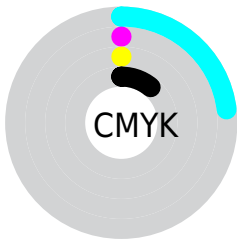
Distribution



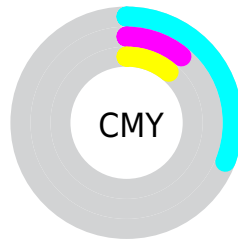
- Red (69%)
- Green (89%)
- Blue (89%)



- Red (69%)
- Yellow (79%)
- Blue (89%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color B0E4E4 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 B0E4E4 by changing the saturation by 10% instead.

 B0E4E4

 B0E4E4

FFFFFF

 95C8C8

 E9FFFF

 7AACAD

 609292

 477878

 2D5F60

 124748

 003132

 001D1D

 000001

 B0E4E4

 B0E4E4

 99E4E4

 C7E4E4

 82E4E4

 DEE4E4

 6CE4E4

 F4E4E4

 55E4E4

 FFE4E4

 3EE4E4

 27E4E4

 10E4E4

 00E4E4

Harmonies

Analogous

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



B9E4D3



B0E4E4



B3E2F2

Triad

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



B0E4E4



EAD3F0



EED7BA

Complementary

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



B0E4E4



E4B0B0

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.



FAD2C2



B0E4E4



F8D0E2

Square

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



B0E4E4



D5D8FA



FECFD1



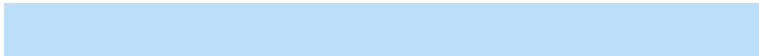
DDDCBB

Rectangle

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



B0E4E4



BBDFF8



FECFD1



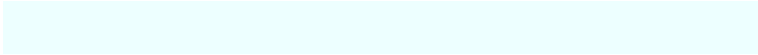
F3D5BC

Sweetspot

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



B0E4E4



EDFFFF



B0E4B0



758080



000000



808080

Same Dimension

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



B0E4E4



BAFFFF



B0CAE4



677373



00B3B3



003333

Inverse Universe

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



E4B0E4



FFBAFF



E4CAB0



736773



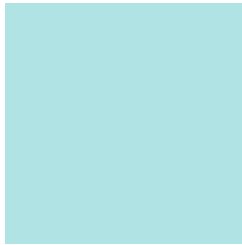
B300B3



330033

Previews

White Background



This preview shows how the Hex color B0E4E4 looks on a white background.

Color Contrast Check

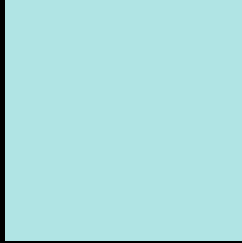
Large Text (above 18pt) WCAG AA × Fail

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 B0E4E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

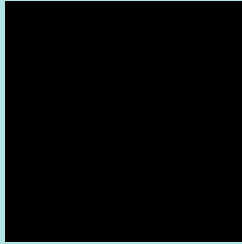
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

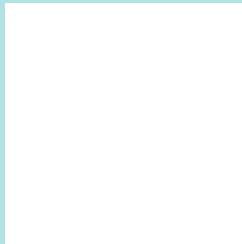
Any Text WCAG AAA ✓ Pass

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

Hex B0E4E4 Background



This preview shows how black text looks on a background with the Hex color B0E4E4.

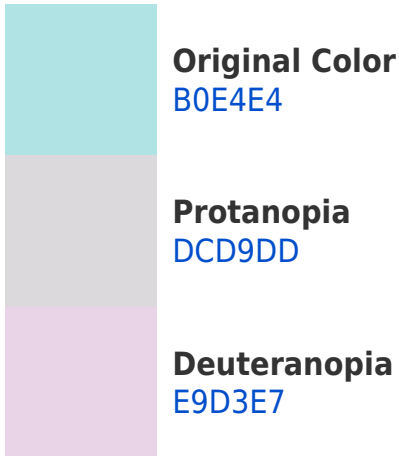


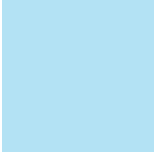
This preview shows how white text looks on a background with the Hex color B0E4E4.

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](#).

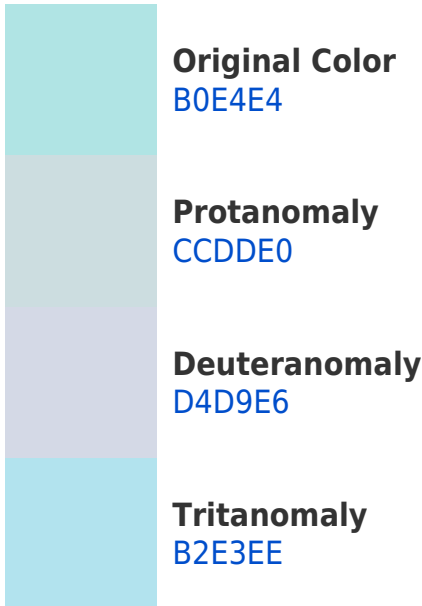
Dichromacy



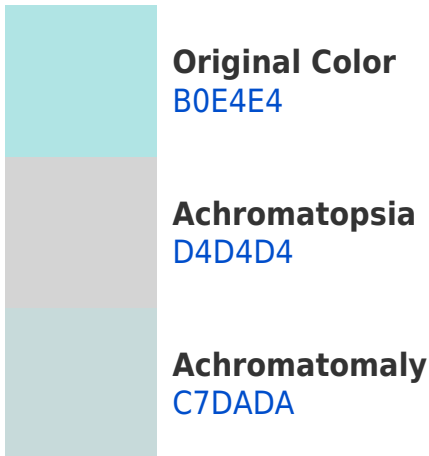


Tritanopia
B3E2F4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0E4E4 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 #B0E4E4 looks like.

```
.text, #text, p{  
    color:#B0E4E4  
}
```

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 #B0E4E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E4E4
}
```

Border

The CSS property to change the border of an element to Hex B0E4E4 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
#B0E4E4 }
```

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

```
.border{ border-color:#B0E4E4 }
```

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

Here you see how a box with a 4 pixel #B0E4E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E4E4; -webkit-box-shadow:4px 4px  
4px 4px #B0E4E4; box-shadow:4px 4px 4px  
4px #B0E4E4 }
```

Background

The CSS property to change the background color of an element to Hex B0E4E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E4E4 }
```

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

```
.background{ background-color:#B0E4E4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor