

Converting Colors

Hex(B0E2CB)

Have a look what the booklet for
Hex(B0E2CB) contains.

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Color

Hex(B0E2CB)

Conversions

Conversions Part 1

Format	Color
Hex	B0E2CB
RGB	176, 226, 203
RGB Percent	69%, 89%, 80%
CMY	0.3098, 0.1137, 0.2039
CMYK	0.22, 0.00, 0.10, 0.11
HSL	152°, 46%, 79%
HSV	152°, 22%, 89%
XYZ	55.8803, 67.9346, 66.6674
YIQ	208.4280, -22.4170, -17.7530

Conversions

Conversions Part 2

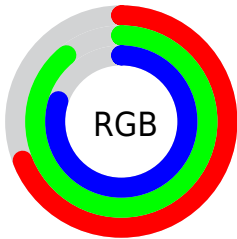
Format	Color
RYB	176, 208, 226
Decimal	11592395
CIELab	85.97, -20.67, 5.99
CIELCh	86, 21.524, 163.850
Yxy	67.9346, 0.2934, 0.3566
Android (android.graphics.Color)	4289782475 (0xFFB0E2CB)
YUV	208.4280, -2.6760, -28.4394
Hunter-Lab	82.4225, -23.2208, 9.7390

Details

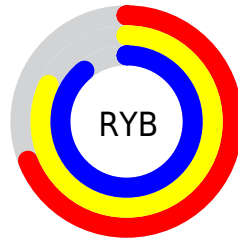
The Hex color **B0E2CB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E2B0C7**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **E8FFFF**, and **7BAB95** is the 20% darker color. If you saturate the color by 10%, you get **99E2C1**, and if you desaturate by 10%, it is **C7E2D5**.

Distribution



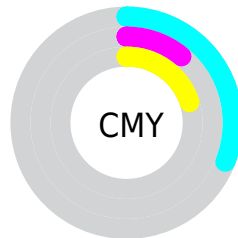
- Red (69%)
- Green (89%)
- Blue (80%)



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



- Cyan (22%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0E2CB 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 B0E2CB by changing the saturation by 10% instead.

 B0E2CB


FFFFFF

 E8FFFF

 B0E2CB

 95C6B0

 7BAB95

 61907B

 487662

 305D4A

 174534

 002F1F

 001C06

 000000

 B0E2CB

 B0E2CB

 99E2C1

 C7E2D5

 83E2B6

 DDE2E0

 6CE2AC

 F4E2EA

 56E2A1

 FFE2F5

 3FE297

 FFE2FF

 28E28D

 12E282

 00E27A

Harmonies

Analogous

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



C6DEB9



B0E2CB



A2E3E0

Triad

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



B0E2CB



CCD6FE



FECCBC

Complementary

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



B0E2CB



E2B0C7

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.



FFC9CE



B0E2CB



E6CFF5

Square

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



B0E2CB



B3DCFE



F9CAE3



F1D2B0

Rectangle

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



B0E2CB



A0E2ED



F9CAE3



FFCBC1

Sweetspot

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



B0E2CB



EDFFF7



C7E2B0



75807B



000000



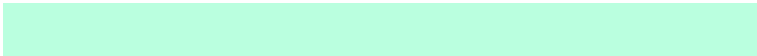
808080

Same Dimension

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



B0E2CB



BAFFDF



B0E0E2



65706B



00B05F



00301A

Inverse Universe

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



E2B0C7



FFBADA



E2B2B0



70656A



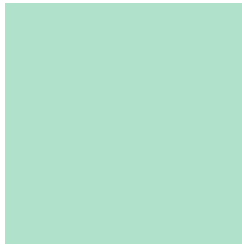
B00051



300016

Previews

White Background



This preview shows how the Hex color B0E2CB looks on a white background.

Color Contrast Check

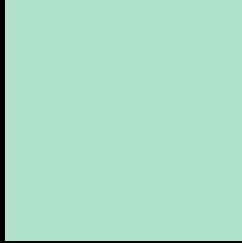
Large Text (above 18pt) WCAG AA × Fail

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 B0E2CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

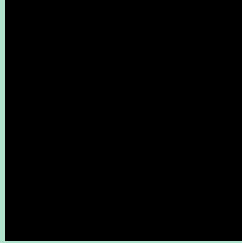
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

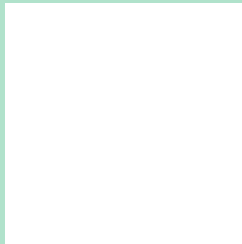
Any Text WCAG AAA ✓ Pass

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

Hex B0E2CB Background



This preview shows how black text looks on a background with the Hex color B0E2CB.



This preview shows how white text looks on a background with the Hex color B0E2CB.

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



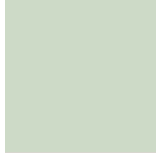


Tritanopia
B7DDEE

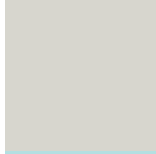
Trichromacy



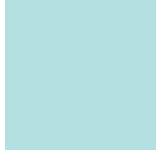
Original Color
B0E2CB



Protanomaly
CDDAC7



Deuteranomaly
D7D6CE

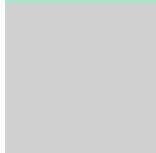


Tritanomaly
B4DFE1

Monochromacy



Original Color
B0E2CB



Achromatopsia
D0D0D0



Achromatomaly
C4D7CE

CSS Examples

Text

The CSS property to change the color of the text to Hex B0E2CB 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 #B0E2CB looks like.

```
.text, #text, p{  
    color:#B0E2CB  
}
```

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 #B0E2CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E2CB
}
```

Border

The CSS property to change the border of an element to Hex B0E2CB 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
#B0E2CB }
```

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

```
.border{ border-color:#B0E2CB }
```

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

Here you see how a box with a 4 pixel #B0E2CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E2CB; -webkit-box-shadow:4px 4px  
4px 4px #B0E2CB; box-shadow:4px 4px 4px  
4px #B0E2CB }
```

Background

The CSS property to change the background color of an element to Hex B0E2CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E2CB }
```

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

```
.background{ background-color:#B0E2CB }
```

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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