

Converting Colors

Hex(B0E8D4)

Have a look what the booklet for
Hex(B0E8D4) contains.

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Color

Hex(B0E8D4)

Conversions

Conversions Part 1

Format	Color
Hex	B0E8D4
RGB	176, 232, 212
RGB Percent	69%, 91%, 83%
CMY	0.3098, 0.0902, 0.1686
CMYK	0.24, 0.00, 0.09, 0.09
HSL	159°, 55%, 80%
HSV	159°, 24%, 91%
XYZ	58.6448, 71.6968, 73.0353
YIQ	212.9760, -26.9560, -18.0920

Conversions

Conversions Part 2

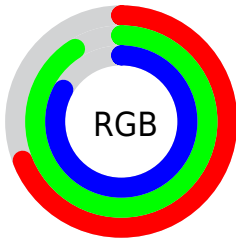
Format	Color
RYB	176, 210, 232
Decimal	11593940
CIELab	87.82, -21.85, 3.93
CIElCh	88, 22.197, 169.801
Yxy	71.6968, 0.2884, 0.3525
Android (android.graphics.Color)	4289784020 (0xFFB0E8D4)
YUV	212.9760, -0.4812, -32.4280
Hunter-Lab	84.6740, -24.5512, 8.1313

Details

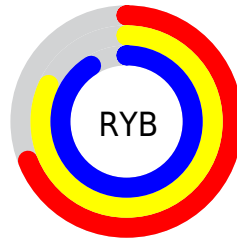
The Hex color **B0E8D4** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E8B0C4**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **E8FFFF**, and **7AB09D** is the 20% darker color. If you saturate the color by 10%, you get **99E8CC**, and if you desaturate by 10%, it is **C7E8DC**.

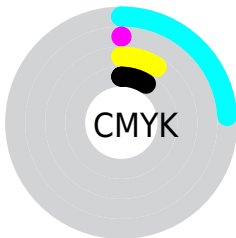
Distribution



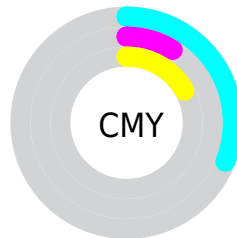
- Red (69%)
- Green (91%)
- Blue (83%)



- Red (69%)
- Yellow (82%)
- Blue (91%)



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



- Cyan (31%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0E8D4 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 B0E8D4 by changing the saturation by 10% instead.

 B0E8D4

 B0E8D4

FFFFFF

 95CCB8

 E8FFFF

 7AB09D

 609583

 477B6A

 2E6252

 144A3B

 003325

 001F11

 000000

 B0E8D4

 B0E8D4

 99E8CC

 C7E8DC

 82E8C3

 DEE8E5

 6AE8BB

 F6E8ED

 53E8B3

 FFE8F5

 3CE8AB

 FFE8FD

 25E8A2

 FFE8FF

 0EE89A

 00E895

Harmonies

Analogous

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



C6E5C0



B0E8D4



A4E8EA

Triad

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



B0E8D4



D7D9FF



FFD2BD

Complementary

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



B0E8D4



E8B0C4

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.



FFCECF



B0E8D4



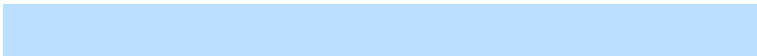
F1D2F8

Square

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



B0E8D4



BBE0FF



FFCEE4



F4D8B3

Rectangle

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



B0E8D4



A5E7F6



FFCEE4



FFD0C2

Sweetspot

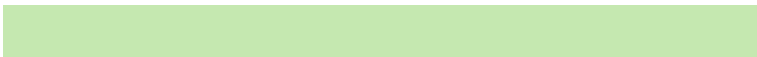
The Sweet Spot groups the original color and five complimentary colors.



B0E8D4



EDFFF9



C5E8B0



75807C



000000



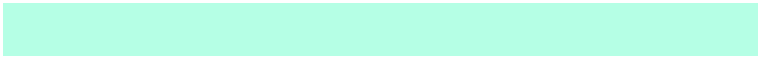
808080

Same Dimension

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



B0E8D4



B5FFE5



B0E1E8



67736F



00B373



003321

Inverse Universe

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



E8B0C4



FFB5CF



E8B7B0



73676B



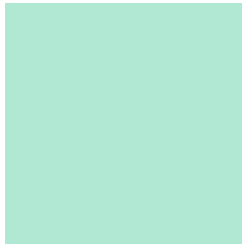
B30040



330012

Previews

White Background



This preview shows how the Hex color B0E8D4 looks on a white background.

Color Contrast Check

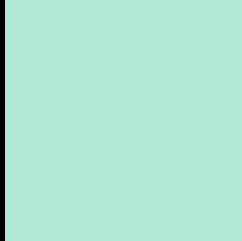
Large Text (above 18pt) WCAG AA × Fail

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 B0E8D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

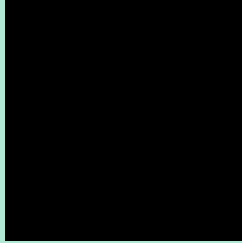
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

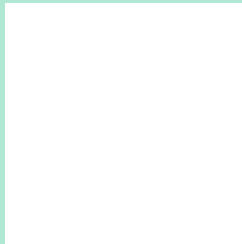
Any Text WCAG AAA ✓ Pass

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

Hex B0E8D4 Background



This preview shows how black text looks on a background with the Hex color B0E8D4.

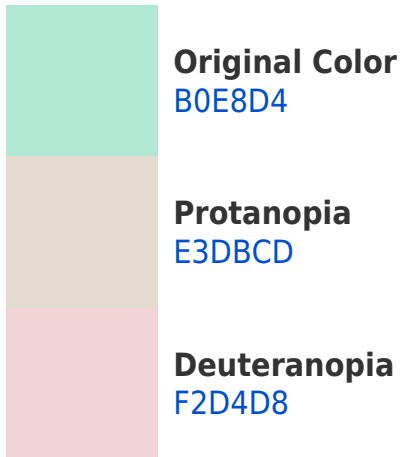


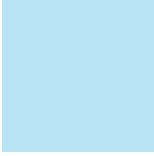
This preview shows how white text looks on a background with the Hex color B0E8D4.

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





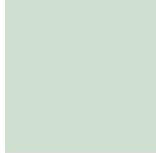
Tritanopia
B7E3F5

Trichromacy



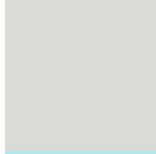
Original Color

B0E8D4



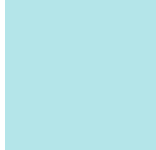
Protanomaly

D0E0D0



Deuteranomaly

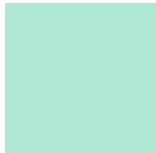
D4DBD7



Tritanomaly

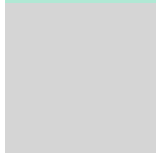
B4E5E9

Monochromacy



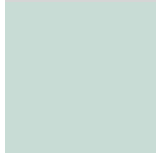
Original Color

B0E8D4



Achromatopsia

D5D5D5



Achromatomaly

C8DCD5

CSS Examples

Text

The CSS property to change the color of the text to Hex B0E8D4 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 #B0E8D4 looks like.

```
.text, #text, p{  
    color:#B0E8D4  
}
```

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 #B0E8D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E8D4
}
```

Border

The CSS property to change the border of an element to Hex B0E8D4 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
#B0E8D4 }
```

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

```
.border{ border-color:#B0E8D4 }
```

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

Here you see how a box with a 4 pixel #B0E8D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E8D4; -webkit-box-shadow:4px 4px  
4px 4px #B0E8D4; box-shadow:4px 4px 4px  
4px #B0E8D4 }
```

Background

The CSS property to change the background color of an element to Hex B0E8D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E8D4 }
```

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

```
.background{ background-color:#B0E8D4 }
```

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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