

Converting Colors

Hex(B0E7D5)

Have a look what the booklet for
Hex(B0E7D5) contains.

Hex(B0E7D5)	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(B0E7D5)

Conversions

Conversions Part 1

Format	Color
Hex	B0E7D5
RGB	176, 231, 213
RGB Percent	69%, 91%, 84%
CMY	0.3098, 0.0941, 0.1647
CMYK	0.24, 0.00, 0.08, 0.09
HSL	160°, 53%, 80%
HSV	160°, 24%, 91%
XYZ	58.4907, 71.1860, 73.6083
YIQ	212.5030, -27.0020, -17.2580

Conversions

Conversions Part 2

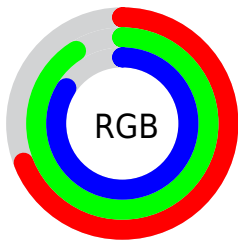
Format	Color
RYB	176, 209, 231
Decimal	11593685
CIELab	87.58, -21.15, 3.05
CIELCh	88, 21.373, 171.802
Yxy	71.1860, 0.2877, 0.3502
Android (android.graphics.Color)	4289783765 (0xFFB0E7D5)
YUV	212.5030, 0.2450, -32.0131
Hunter-Lab	84.3718, -23.9058, 7.3340

Details

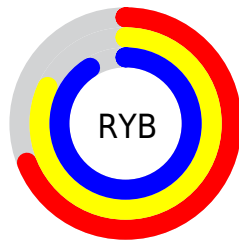
The Hex color **B0E7D5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E7B0C2**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **E8FFFF**, and **7AAF9E** is the 20% darker color. If you saturate the color by 10%, you get **99E7CD**, and if you desaturate by 10%, it is **C7E7DD**.

Distribution



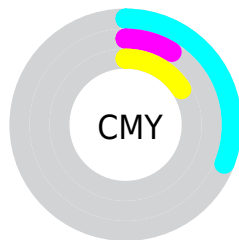
- Red (69%)
- Green (91%)
- Blue (84%)



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



- Cyan (24%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0E7D5 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 B0E7D5 by changing the saturation by 10% instead.

 B0E7D5

 B0E7D5

FFFFFF

 95CBB9

 E8FFFF

 7AAF9E

 609484

 477B6B

 2E6153

 14493C

 003326

 001E12

 000000

 B0E7D5

 B0E7D5

 99E7CD

 C7E7DD

 82E7C6

 DEE7E4

 6BE7BE

 F5E7EC

 54E7B7

 FFE7F3

 3CE7AF

 FFE7FB

 25E7A8

 FFE7FF

 0EE7A0

 00E79B

Harmonies

Analogous

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



C4E4C2



B0E7D5



A5E7EA

Triad

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



B0E7D5



D8D8FF



FFD2BC

Complementary

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



B0E7D5



E7B0C2

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.



FFCECD



B0E7D5



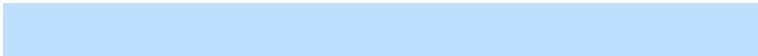
F1D2F5

Square

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



B0E7D5



BEDFFF



FFCEE2



F1D8B4

Rectangle

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



B0E7D5



A7E6F6



FFCEE2



FFD0C1

Sweetspot

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



B0E7D5



EDFFF9



C2E7B0



75807C



000000



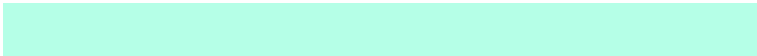
808080

Same Dimension

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



B0E7D5



B5FFE7



B0DEE7



67736F



00B378



003322

Inverse Universe

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



E7B0C2



FFB5CD



E7B9B0



73676B



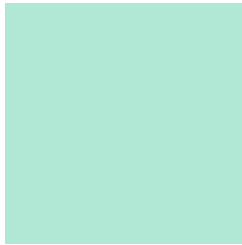
B3003A



330011

Previews

White Background



This preview shows how the Hex color B0E7D5 looks on a white background.

Color Contrast Check

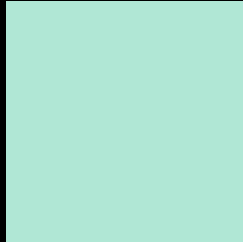
Large Text (above 18pt) WCAG AA × Fail

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 B0E7D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

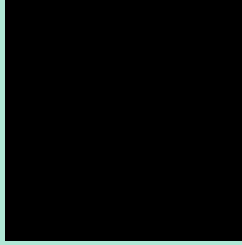
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

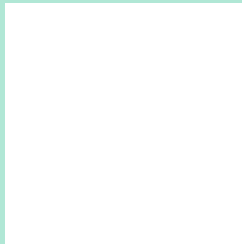
Any Text WCAG AAA ✓ Pass

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

Hex B0E7D5 Background



This preview shows how black text looks on a background with the Hex color B0E7D5.

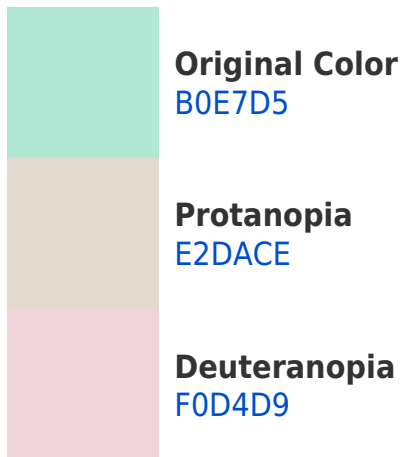


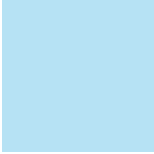
This preview shows how white text looks on a background with the Hex color B0E7D5.

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



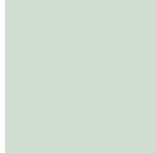


Tritanopia
B6E2F4

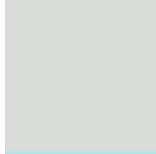
Trichromacy



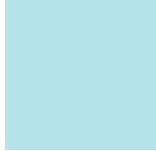
Original Color
B0E7D5



Protanomaly
D0DFD1

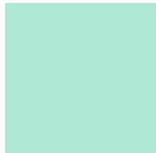


Deuteranomaly
D9DBD8

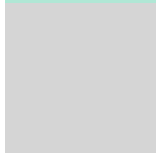


Tritanomaly
B4E4E9

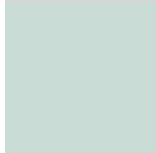
Monochromacy



Original Color
B0E7D5



Achromatopsia
D5D5D5



Achromatomaly
C8DCD5

CSS Examples

Text

The CSS property to change the color of the text to Hex B0E7D5 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 #B0E7D5 looks like.

```
.text, #text, p{  
  color:#B0E7D5  
}
```

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 #B0E7D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E7D5
}
```

Border

The CSS property to change the border of an element to Hex B0E7D5 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
#B0E7D5 }
```

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

```
.border{ border-color:#B0E7D5 }
```

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

Here you see how a box with a 4 pixel #B0E7D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E7D5; -webkit-box-shadow:4px 4px  
4px 4px #B0E7D5; box-shadow:4px 4px 4px  
4px #B0E7D5 }
```

Background

The CSS property to change the background color of an element to Hex B0E7D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E7D5 }
```

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

```
.background{ background-color:#B0E7D5 }
```

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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