

# Converting Colors

Hex(B1E3B7)

Have a look what the booklet for  
Hex(B1E3B7) contains.

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**Color**

**Hex(B1E3B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1E3B7
RGB	177, 227, 183
RGB Percent	69%, 89%, 72%
CMY	0.3059, 0.1098, 0.2824
CMYK	0.22, 0.00, 0.19, 0.11
HSL	127°, 47%, 79%
HSV	127°, 22%, 89%
XYZ	54.1478, 67.7042, 55.0141
YIQ	207.0340, -15.6760, -24.2840

# Conversions

## Conversions Part 2

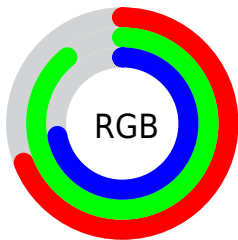
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 222, 227
Decimal	11658167
CIELab	85.86, -24.55, 16.32
CIELCh	86, 29.482, 146.382
Yxy	67.7042, 0.3062, 0.3828
Android (android.graphics.Color)	4289848247 (0xFFB1E3B7)
YUV	207.0340, -11.8488, -26.3398
Hunter-Lab	82.2825, -26.5287, 17.9565

# Details

The Hex color **B1E3B7** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E3B1DD**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **E9FFEF**, and **7BAB82** is the 20% darker color. If you saturate the color by 10%, you get **9AE3A3**, and if you desaturate by 10%, it is **C8E3CB**.

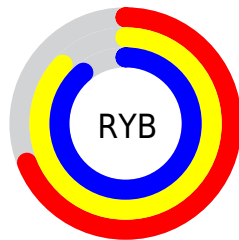
# Distribution



Red (69%)

Green (89%)

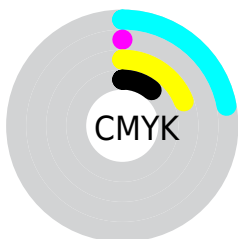
Blue (72%)



Red (69%)

Yellow (87%)

Blue (89%)

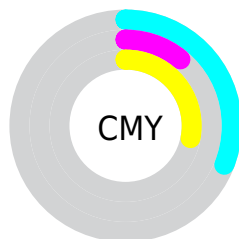


Cyan (22%)

Magenta (0%)

Yellow (19%)

Black (11%)



Cyan (31%)

Magenta (11%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1E3B7 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 B1E3B7 by changing the saturation by 10% instead.



 B1E3B7

 B1E3B7

FFFFFF


 96C79C

 E9FFEF

 7BAB82

 629169

 497750

 315E39

 184623

 002F0E

 001D00

 000000

 B1E3B7

 B1E3B7

 9AE3A3

 C8E3CB

 84E38F

 DEE3DF

 6DE37B

 F5E3F3

 56E367

 FFE3FF

 40E353

 29E33F

 12E32B

 00E31B

# Harmonies

## Analogous

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



D1DDA4



B1E3B7



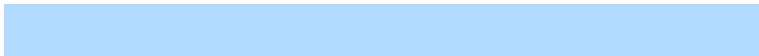
94E6D2

# Triad

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



B1E3B7



B0DAFF



FFC4BF

# Complementary

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



B1E3B7



E3B1DD

# 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.



FFC3DB



B1E3B7



D7D1FF

# Square

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



B1E3B7



8FE2FF



F8C8F6



FFCAA9

# Rectangle

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



B1E3B7



88E6E5



F8C8F6



FFC3C8



# Sweetspot

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



B1E3B7



EDFFEF



DDE3B1



758077



000000



808080

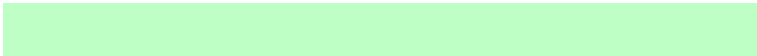


# Same Dimension

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



B1E3B7



BDFFC5



B1E3D0



677369



00B315



003306



# Inverse Universe

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



E3B1DD



FFBDF7



E3B1C4



736771



B3009D

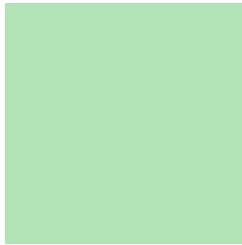


33002D



# Previews

## White Background



This preview shows how the Hex color B1E3B7 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 B1E3B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

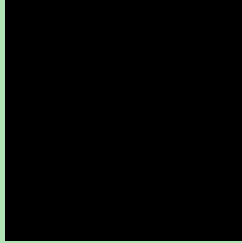
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

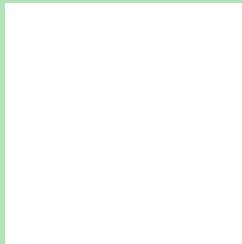
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B1E3B7 Background



This preview shows how black text looks on a background with the Hex color B1E3B7.

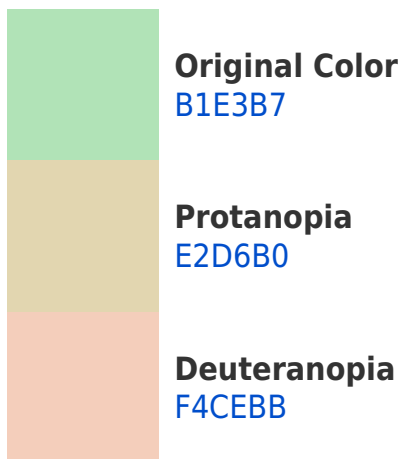


This preview shows how white text looks on a background with the Hex color B1E3B7.

# 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





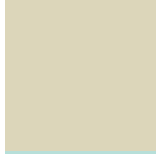
# Trichromacy



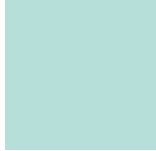
**Original Color**  
B1E3B7



**Protanomaly**  
D0DBB3

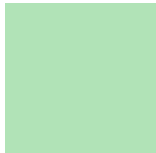


**Deuteranomaly**  
DCD6BA

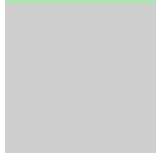


**Tritanomaly**  
B7DFD9

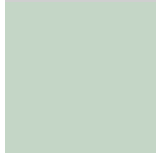
# Monochromacy



**Original Color**  
B1E3B7



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
C4D6C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1E3B7 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 #B1E3B7 looks like.

```
.text, #text, p{  
    color:#B1E3B7  
}
```

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 #B1E3B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1E3B7
}
```

## Border

The CSS property to change the border of an element to Hex B1E3B7 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
#B1E3B7 }
```

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

```
.border{ border-color:#B1E3B7 }
```

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

Here you see how a box with a 4 pixel #B1E3B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1E3B7; -webkit-box-shadow:4px 4px  
4px 4px #B1E3B7; box-shadow:4px 4px 4px  
4px #B1E3B7 }
```

# Background

The CSS property to change the background color of an element to Hex B1E3B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1E3B7 }
```

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

```
.background{ background-color:#B1E3B7 }
```

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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