

Converting Colors

Hex(B1E6B7)

Have a look what the booklet for
Hex(B1E6B7) contains.

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Color

Hex(B1E6B7)

Conversions

Conversions Part 1	
Format	Color
Hex	B1E6B7
RGB	177, 230, 183
RGB Percent	69%, 90%, 72%
CMY	0.3059, 0.0980, 0.2824
CMYK	0.23, 0.00, 0.20, 0.10
HSL	127°, 51%, 80%
HSV	127°, 23%, 90%
XYZ	54.9755, 69.3596, 55.2900
YIQ	208.7950, -16.5010, -25.8530

Conversions

Conversions Part 2

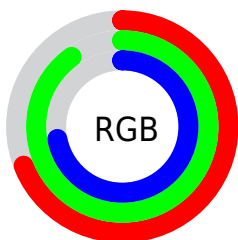
Format	Color
RYB	177, 225, 230
Decimal	11658935
CIELab	86.68, -26.00, 17.48
CIELCh	87, 31.328, 146.091
Yxy	69.3596, 0.3061, 0.3861
Android (android.graphics.Color)	4289849015 (0xFFB1E6B7)
YUV	208.7950, -12.7169, -27.8842
Hunter-Lab	83.2824, -27.9147, 18.9359

Details

The Hex color **B1E6B7** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E6B1E0**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **E9FFEF**, and **7BAE82** is the 20% darker color. If you saturate the color by 10%, you get **9AE6A3**, and if you desaturate by 10%, it is **C8E6CB**.

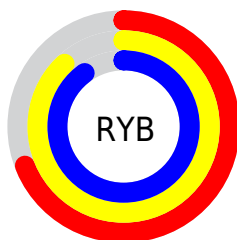
Distribution



Red (69%)

Green (90%)

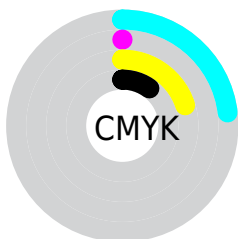
Blue (72%)



Red (69%)

Yellow (88%)

Blue (90%)

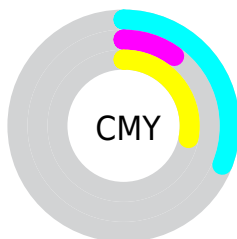


Cyan (23%)

Magenta (0%)

Yellow (20%)

Black (10%)



Cyan (31%)

Magenta (10%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1E6B7 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 B1E6B7 by changing the saturation by 10% instead.

 B1E6B7

FFFFFF

 E9FFEF

 B1E6B7


 96CA9C

 7BAE82

 629369

 497950

 306039

 174823

 00310E

 001E00

 000000

 B1E6B7

 B1E6B7

 9AE6A3

 C8E6CB

 83E68E

 DFE6E0

 6CE67A

 F6E6F4

 55E665

 FFE6FF

 3EE651

 27E63D

 10E628

 00E61A

Harmonies

Analogous

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



D3DFA3



B1E6B7



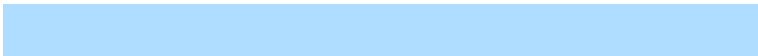
92E9D4

Triad

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



B1E6B7



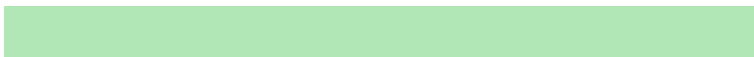
AFDDFF



FFC5C0

Complementary

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



B1E6B7



E6B1E0

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.



FFC4DE



B1E6B7



D8D3FF

Square

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



B1E6B7



8BE5FF



FCC9FB



FFCA9

Rectangle

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



B1E6B7



83EAE8



FCC9FB



FFC4CA

Sweetspot

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



B1E6B7



EDFFE7



E1E6B1



758076



000000



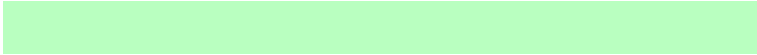
808080

Same Dimension

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



B1E6B7



B8FFC0



B1E6D1



677369



00B314



003306

Inverse Universe

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



E6B1E0



FFB8F7



E6B1C6



736771



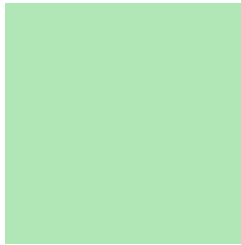
B3009E



33002D

Previews

White Background



This preview shows how the Hex color B1E6B7 looks on a white background.

Color Contrast Check

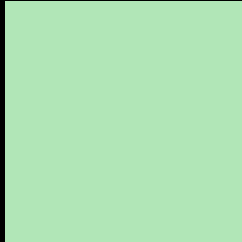
Large Text (above 18pt) WCAG AA × Fail

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 B1E6B7 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

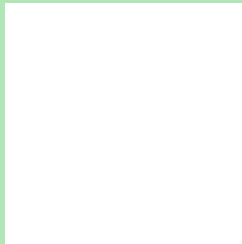
Any Text WCAG AAA ✓ Pass

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

Hex B1E6B7 Background



This preview shows how black text looks on a background with the Hex color B1E6B7.

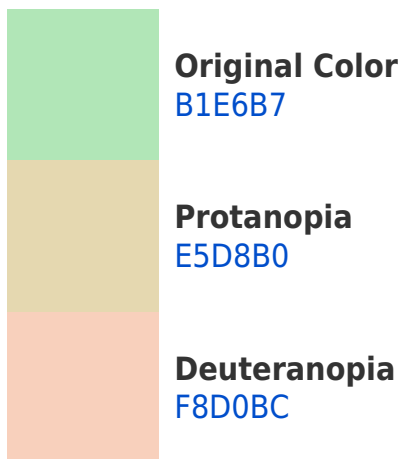


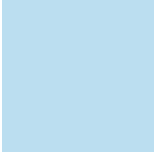
This preview shows how white text looks on a background with the Hex color B1E6B7.

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

BBDEF0

Trichromacy



Original Color

B1E6B7



Protanomaly

D2DDB3



Deuteranomaly

DED8BA



Tritanomaly

B7E1DB

Monochromacy



Original Color

B1E6B7



Achromatopsia

D1D1D1



Achromatomaly

C5D9C8

CSS Examples

Text

The CSS property to change the color of the text to Hex B1E6B7 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 #B1E6B7 looks like.

```
.text, #text, p{  
    color:#B1E6B7  
}
```

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 #B1E6B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1E6B7
}
```

Border

The CSS property to change the border of an element to Hex B1E6B7 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
#B1E6B7 }
```

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

```
.border{ border-color:#B1E6B7 }
```

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

Here you see how a box with a 4 pixel #B1E6B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1E6B7; -webkit-box-shadow:4px 4px  
4px 4px #B1E6B7; box-shadow:4px 4px 4px  
4px #B1E6B7 }
```

Background

The CSS property to change the background color of an element to Hex B1E6B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1E6B7 }
```

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

```
.background{ background-color:#B1E6B7 }
```

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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