

Converting Colors

Hex(B1E7B1)

Have a look what the booklet for
Hex(B1E7B1) contains.

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Color

Hex(B1E7B1)

Conversions

Conversions Part 1

Format	Color
Hex	B1E7B1
RGB	177, 231, 177
RGB Percent	69%, 91%, 69%
CMY	0.3059, 0.0941, 0.3059
CMYK	0.23, 0.00, 0.23, 0.09
HSL	120°, 53%, 80%
HSV	120°, 23%, 91%
XYZ	54.6432, 69.6733, 52.1633
YIQ	208.6980, -14.8500, -28.2420

Conversions

Conversions Part 2

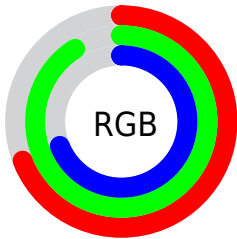
Format	Color
RYB	177, 231, 231
Decimal	11659185
CIELab	86.84, -27.51, 20.81
CIELCh	87, 34.492, 142.891
Yxy	69.6733, 0.3096, 0.3948
Android (android.graphics.Color)	4289849265 (0xFFB1E7B1)
YUV	208.6980, -15.6271, -27.7991
Hunter-Lab	83.4705, -29.2200, 21.3772

Details

The Hex color **B1E7B1** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E7B1E7**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **E9FFE9**, and **7BAF7C** is the 20% darker color. If you saturate the color by 10%, you get **9AE79A**, and if you desaturate by 10%, it is **C8E7C8**.

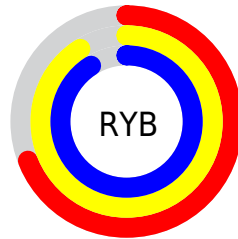
Distribution



Red (69%)

Green (91%)

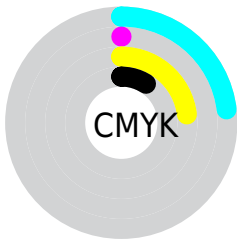
Blue (69%)



Red (69%)

Yellow (91%)

Blue (91%)

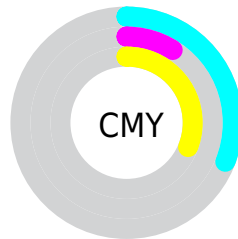


Cyan (23%)

Magenta (0%)

Yellow (23%)

Black (9%)



Cyan (31%)

Magenta (9%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1E7B1 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 B1E7B1 by changing the saturation by 10% instead.

 B1E7B1

FFFFFF

 E9FFE9

 B1E7B1

 96CB96

 7BAF7C

 619463

 487A4B

 306134

 16491E

 003207

 001F00

 000000

 B1E7B1

 B1E7B1

 9AE79A

 C8E7C8

 83E783

 DFE7DF

 6CE76C

 F6E7F6

 55E755

 FFE7FF

 3EE73E

 26E726

 0FE70F

 00E700

Harmonies

Analogous

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



D7DF9D



B1E7B1



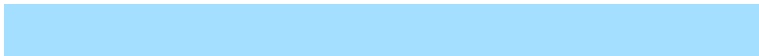
8CEBD0

Triad

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



B1E7B1



A4DFFF



FFC2C2

Complementary

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



B1E7B1



E7B1E7

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.



FFC2E3



B1E7B1



D4D4FF

Square

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



B1E7B1



7DE7FF



FCC9FF



FFCAA6

Rectangle

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



B1E7B1



7AECE7



FCC9FF



FFC1CC

Sweetspot

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



B1E7B1



EDFFED



E7E7B1



758075



000000



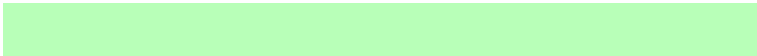
808080

Same Dimension

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



B1E7B1



B8FFB8



B1E7CC



677367



00B300



003300

Inverse Universe

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



E7B1E7



FFB8FF



E7B1CC



736773



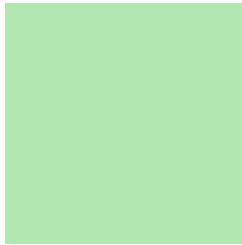
B300B3



330033

Previews

White Background



This preview shows how the Hex color B1E7B1 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 B1E7B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

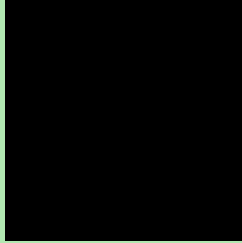
Any Text WCAG AA ✓ Pass

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 B1E7B1 Background



This preview shows how black text looks on a background with the Hex color B1E7B1.

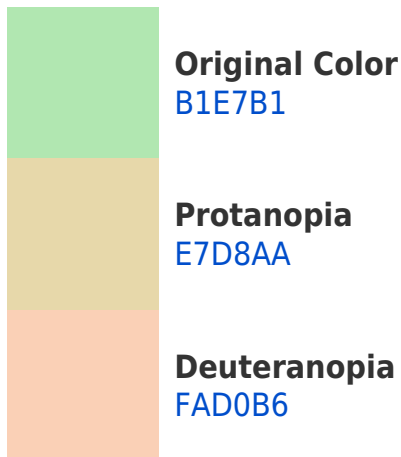


This preview shows how white text looks on a background with the Hex color B1E7B1.

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



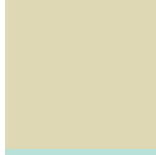
Trichromacy



Original Color
B1E7B1



Protanomaly
D3DDAD



Deuteranomaly
DFD8B4

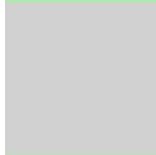


Tritanomaly
B8E2D9

Monochromacy



Original Color
B1E7B1



Achromatopsia
D1D1D1



Achromatomaly
C5D9C5

CSS Examples

Text

The CSS property to change the color of the text to Hex B1E7B1 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 #B1E7B1 looks like.

```
.text, #text, p{  
    color:#B1E7B1  
}
```

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 #B1E7B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1E7B1
}
```

Border

The CSS property to change the border of an element to Hex B1E7B1 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
#B1E7B1 }
```

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

```
.border{ border-color:#B1E7B1 }
```

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

Here you see how a box with a 4 pixel #B1E7B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1E7B1; -webkit-box-shadow:4px 4px  
4px 4px #B1E7B1; box-shadow:4px 4px 4px  
4px #B1E7B1 }
```

Background

The CSS property to change the background color of an element to Hex B1E7B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1E7B1 }
```

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

```
.background{ background-color:#B1E7B1 }
```

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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