

Converting Colors

Hex(B1E3B1)

Have a look what the booklet for
Hex(B1E3B1) contains.

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Color

Hex(B1E3B1)

Conversions

Conversions Part 1

Format	Color
Hex	B1E3B1
RGB	177, 227, 177
RGB Percent	69%, 89%, 69%
CMY	0.3059, 0.1098, 0.3059
CMYK	0.22, 0.00, 0.22, 0.11
HSL	120°, 47%, 79%
HSV	120°, 22%, 89%
XYZ	53.5364, 67.4596, 51.7943
YIQ	206.3500, -13.7500, -26.1500

Conversions

Conversions Part 2

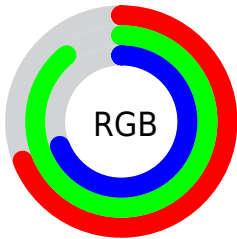
Format	Color
RYB	177, 227, 227
Decimal	11658161
CIELab	85.74, -25.59, 19.28
CIElCh	86, 32.039, 143.000
Yxy	67.4596, 0.3098, 0.3904
Android (android.graphics.Color)	4289848241 (0xFFB1E3B1)
YUV	206.3500, -14.4695, -25.7399
Hunter-Lab	82.1338, -27.3845, 20.1048

Details

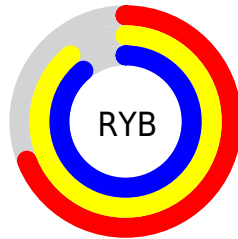
The Hex color **B1E3B1** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E3B1E3**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **E9FFE9**, and **7BAB7C** is the 20% darker color. If you saturate the color by 10%, you get **9AE39A**, and if you desaturate by 10%, it is **C8E3C8**.

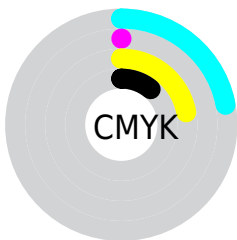
Distribution



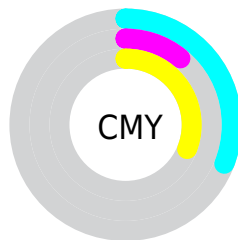
- Red (69%)
- Green (89%)
- Blue (69%)



- Red (69%)
- Yellow (89%)
- Blue (89%)



- Cyan (22%)
- Magenta (0%)
- Yellow (22%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1E3B1 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 B1E3B1 by changing the saturation by 10% instead.

 B1E3B1

FFFFFF

 E9FFE9

 B1E3B1

 96C796

 7BAB7C

 629163

 49774B

 305E34

 18461E

 002F07

 001C00

 000000

 B1E3B1

 B1E3B1

 9AE39A

 C8E3C8

 84E384

 DEE3DE

 6DE36D

 F5E3F5

 56E356

 FFE3FF

 40E340

 29E329

 12E312

 00E300

Harmonies

Analogous

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



D4DC9E



B1E3B1



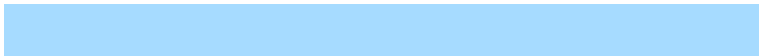
90E7CE

Triad

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



B1E3B1



A6DBFF



FFC1C0

Complementary

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



B1E3B1



E3B1E3

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.



FFC1DF



B1E3B1



D1D1FF

Square

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



B1E3B1



83E3FF



F6C7FB



FFC8A7

Rectangle

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



B1E3B1



80E7E3



F6C7FB



FFC0CA

Sweetspot

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



B1E3B1



EDFFED



E3E3B1



758075



000000



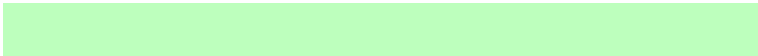
808080

Same Dimension

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



B1E3B1



BDFFBF



B1E3CA



677367



00B300



003300

Inverse Universe

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



E3B1E3



FFBDFE



E3B1CA



736773



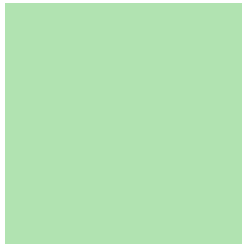
B300B3



330033

Previews

White Background



This preview shows how the Hex color B1E3B1 looks on a white background.

Color Contrast Check

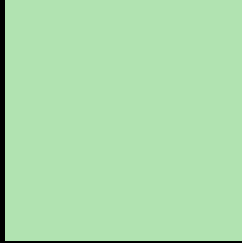
Large Text (above 18pt) WCAG AA × Fail

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 B1E3B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

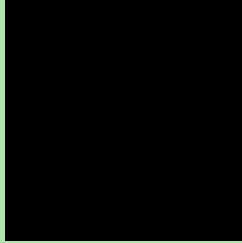
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

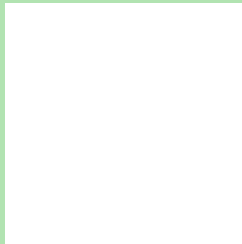
Any Text WCAG AAA ✓ Pass

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

Hex B1E3B1 Background



This preview shows how black text looks on a background with the Hex color B1E3B1.

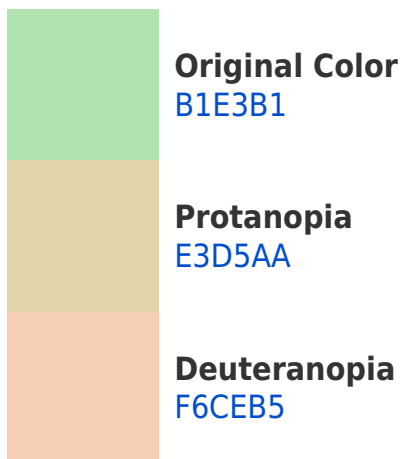


This preview shows how white text looks on a background with the Hex color B1E3B1.

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](#).

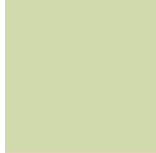
Dichromacy



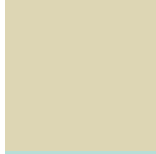
Trichromacy



Original Color
B1E3B1



Protanomaly
D1DAAD



Deuteranomaly
DDD6B4

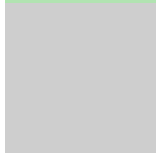


Tritanomaly
B7DED7

Monochromacy



Original Color
B1E3B1



Achromatopsia
CECECE



Achromatomaly
C3D6C3

CSS Examples

Text

The CSS property to change the color of the text to Hex B1E3B1 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 #B1E3B1 looks like.

```
.text, #text, p{  
    color:#B1E3B1  
}
```

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 #B1E3B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1E3B1  
}
```

Border

The CSS property to change the border of an element to Hex B1E3B1 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  
#B1E3B1 }
```

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

```
.border{ border-color:#B1E3B1 }
```

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

Here you see how a box with a 4 pixel #B1E3B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1E3B1; -webkit-box-shadow:4px 4px  
4px 4px #B1E3B1; box-shadow:4px 4px 4px  
4px #B1E3B1 }
```

Background

The CSS property to change the background color of an element to Hex B1E3B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1E3B1 }
```

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

```
.background{ background-color:#B1E3B1 }
```

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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