

Converting Colors

Hex(B1ECB0)

Have a look what the booklet for
Hex(B1ECB0) contains.

Hex(B1ECB0)	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(B1ECB0)

Conversions

Conversions Part 1

Format	Color
Hex	B1ECB0
RGB	177, 236, 176
RGB Percent	69%, 93%, 69%
CMY	0.3059, 0.0745, 0.3098
CMYK	0.25, 0.00, 0.25, 0.07
HSL	119°, 61%, 81%
HSV	119°, 25%, 93%
XYZ	55.9634, 72.4726, 52.1133
YIQ	211.5190, -15.9040, -31.1680

Conversions

Conversions Part 2

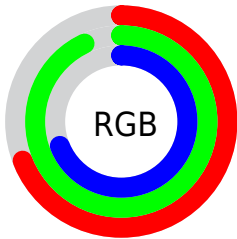
Format	Color
RYB	176, 236, 235
Decimal	11660464
CIELab	88.20, -30.04, 23.20
CIElCh	88, 37.961, 142.320
Yxy	72.4726, 0.3100, 0.4014
Android (android.graphics.Color)	4289850544 (0xFFB1ECB0)
YUV	211.5190, -17.5109, -30.2732
Hunter-Lab	85.1308, -31.6365, 23.2969

Details

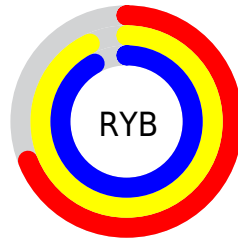
The Hex color **B1ECB0** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EBB0EC**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **EAFFE8**, and **7BB47B** is the 20% darker color. If you saturate the color by 10%, you get **9AEC98**, and if you desaturate by 10%, it is **C8ECC8**.

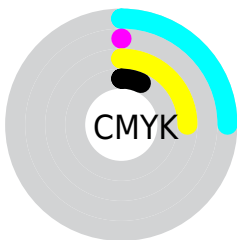
Distribution



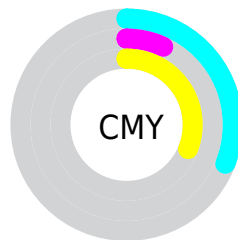
- Red (69%)
- Green (93%)
- Blue (69%)



- Red (69%)
- Yellow (93%)
- Blue (92%)



- Cyan (25%)
- Magenta (0%)
- Yellow (25%)
- Black (7%)



- Cyan (31%)
- Magenta (7%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1ECB0 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 B1ECB0 by changing the saturation by 10% instead.

 B1ECB0


FFFFFF

 EAFFE8

 B1ECB0

 96D095

 7BB47B

 619962

 477F4A

 2E6533

 134D1C

 003605

 002200

 000000

 B1ECB0

 B1ECB0

 9AEC98

 C8ECC8

 83EC81

 DFECDF

 6BEC69

 F7ECF7

 54EC52

 FFECFF

 3DEC3A

 26EC22

 0FEC0B

 04EC00

Harmonies

Analogous

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



DBE39A



B1ECB0



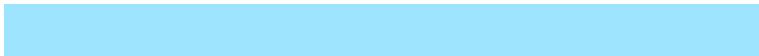
87F1D2

Triad

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



B1ECB0



9FE4FF



FFC3C4

Complementary

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



B1ECB0



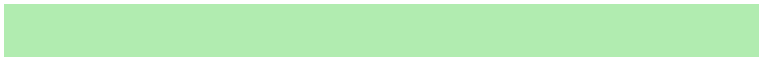
EBB0EC

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.



FFC3E8



B1ECB0



D5D7FF

Square

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



B1ECB0



71ECFF



FFCBFF



FFCA5

Rectangle

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



B1ECB0



70F1EB



FFCBFF



FFC2CF

Sweetspot

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



B1ECB0



EBFFEB



ECEBB0



738073



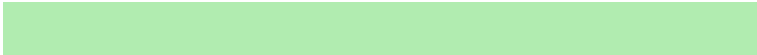
000000



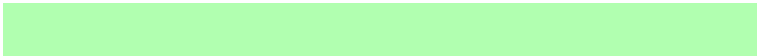
808080

Same Dimension

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



B1ECB0



B1FFB0



B0ECCD



6A756A



03B500



013600

Inverse Universe

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



EBB0EC



FEB0FF



ECB0CF



756A75



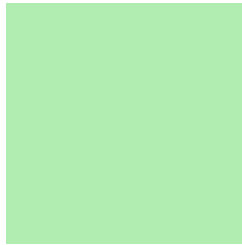
B200B5



350036

Previews

White Background



This preview shows how the Hex color B1ECB0 looks on a white background.

Color Contrast Check

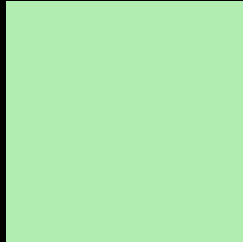
Large Text (above 18pt) WCAG AA × Fail

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 B1ECB0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

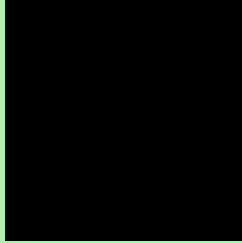
Any Text WCAG AA ✓ Pass

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 B1ECB0 Background



This preview shows how black text looks on a background with the Hex color B1ECB0.

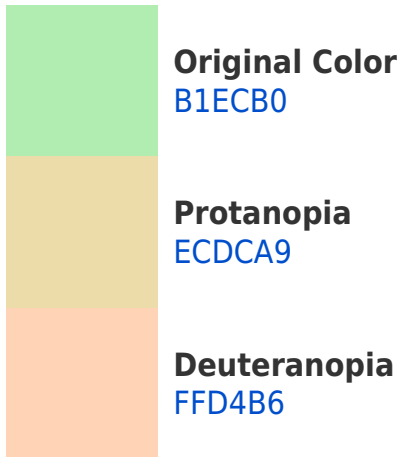


This preview shows how white text looks on a background with the Hex color B1ECB0.

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



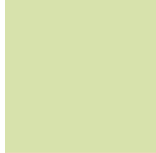


Tritanopia
BDE3F5

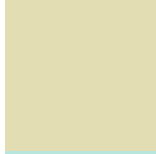
Trichromacy



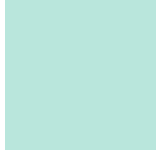
Original Color
B1ECB0



Protanomaly
D7E2AC

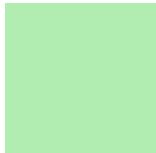


Deuteranomaly
E3DDB4

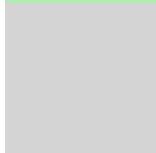


Tritanomaly
B9E6DC

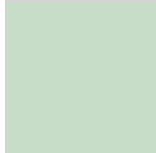
Monochromacy



Original Color
B1ECB0



Achromatopsia
D4D4D4



Achromatomaly
C7DDC7

CSS Examples

Text

The CSS property to change the color of the text to Hex B1ECB0 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 #B1ECB0 looks like.

```
.text, #text, p{  
    color:#B1ECB0  
}
```

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 #B1ECB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1ECB0
}
```

Border

The CSS property to change the border of an element to Hex B1ECB0 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
#B1ECB0 }
```

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

```
.border{ border-color:#B1ECB0 }
```

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

Here you see how a box with a 4 pixel #B1ECB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1ECB0; -webkit-box-shadow:4px 4px  
4px 4px #B1ECB0; box-shadow:4px 4px 4px  
4px #B1ECB0 }
```

Background

The CSS property to change the background color of an element to Hex B1ECB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1ECB0 }
```

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

```
.background{ background-color:#B1ECB0 }
```

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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