

Converting Colors

Hex(B1EAD5)

Have a look what the booklet for
Hex(B1EAD5) contains.

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Color

Hex(B1EAD5)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B1EAD5 |
| RGB | 177, 234, 213 |
| RGB Percent | 69%, 92%, 84% |
| CMY | 0.3059, 0.0824, 0.1647 |
| CMYK | 0.24, 0.00, 0.09, 0.08 |
| HSL | 158°, 58%, 81% |
| HSV | 158°, 24%, 92% |
| XYZ | 59.5645, 72.9968, 73.9012 |
| YIQ | 214.5630, -27.2310, -18.6150 |

Conversions

Conversions Part 2

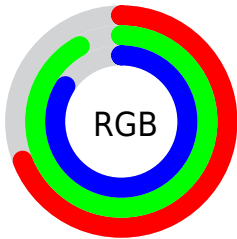
| Format | Color |
|-------------------------------------|---|
| RYB | 177, 212, 234 |
| Decimal | 11659989 |
| CIELab | 88.45, -22.32, 4.32 |
| CIElCh | 88, 22.735, 169.055 |
| Yxy | 72.9968, 0.2885, 0.3536 |
| Android (android.graphics.Color) | 4289850069 (0xFFB1EAD5) |
| YUV | 214.5630, -0.7706, -32.9428 |
| Hunter-Lab | 85.4382, -25.0729, 8.5228 |

Details

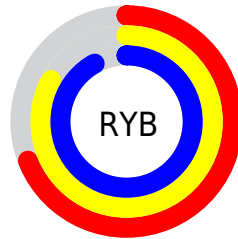
The Hex color **B1EAD5** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EAB1C6**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **EAFFFF**, and **7BB29E** is the 20% darker color. If you saturate the color by 10%, you get **9AEACC**, and if you desaturate by 10%, it is **C8EADE**.

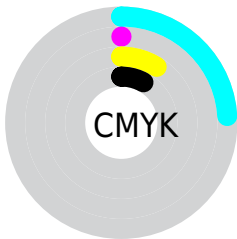
Distribution



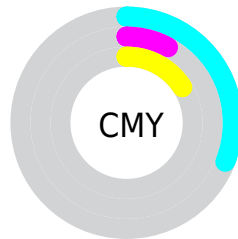
- Red (69%)
- Green (92%)
- Blue (84%)



- Red (69%)
- Yellow (83%)
- Blue (92%)



- Cyan (24%)
- Magenta (0%)
- Yellow (9%)
- Black (8%)



- Cyan (31%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1EAD5 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 B1EAD5 by changing the saturation by 10% instead.

 B1EAD5


 B1EAD5

FFFFFF

 96CEB9

 EAFFFF

 7BB29E

 619784

 487D6B

 2F6453

 154C3C

 003526

 002012

 000000

 B1EAD5

 B1EAD5

 9AEACC

 C8EADE

 82EAC4

 E0EAE6

 6BEABB

 F7EAEF

 53EAB3

 FFEAF7

 3CEAAA

 FFEAFF

 25EAA1

 0DEA99

 00EA94

Harmonies

Analogous

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



C7E7C1



B1EAD5



A4EAEB

Triad

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



B1EAD5



D8DBFF



FFD3BE

Complementary

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



B1EAD5



EAB1C6

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.



FFCFD1



B1EAD5



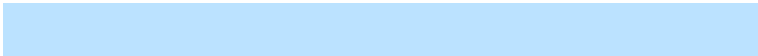
F2D4FB

Square

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



B1EAD5



BBE2FF



FFD0E7



F6DAB4

Rectangle

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



B1EAD5



A4E9F8



FFD0E7



FFD1C4

Sweetspot

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



B1EAD5



EDFFF8



C7EAB1



75807C



000000



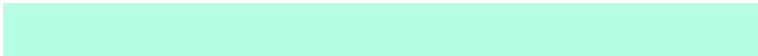
808080

Same Dimension

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



B1EAD5



B5FFE4



B1E3EA



6A7571



00B572



003622

Inverse Universe

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



EAB1C6



FFB5D0



EAB8B1



756A6E



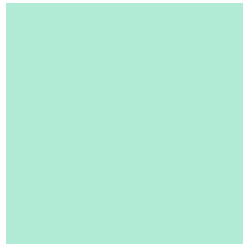
B50043



360014

Previews

White Background



This preview shows how the Hex color B1EAD5 looks on a white background.

Color Contrast Check

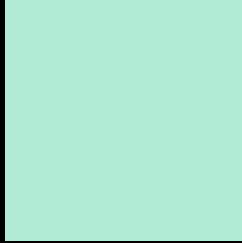
Large Text (above 18pt) WCAG AA × Fail

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 B1EAD5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

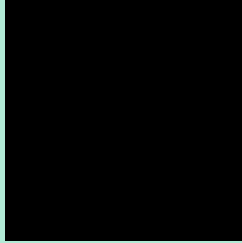
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

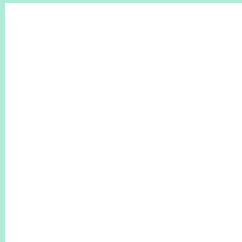
Any Text WCAG AAA ✓ Pass

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

Hex B1EAD5 Background



This preview shows how black text looks on a background with the Hex color B1EAD5.

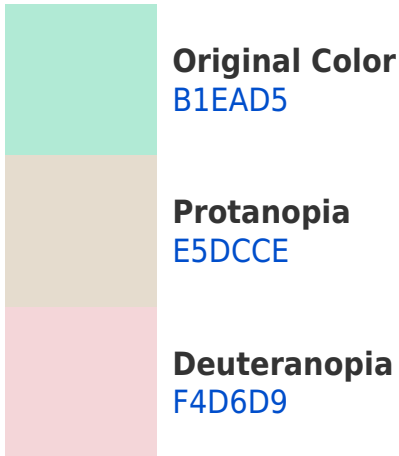


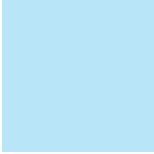
This preview shows how white text looks on a background with the Hex color B1EAD5.

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



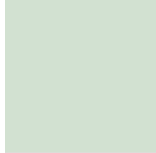


Tritanopia
B8E5F7

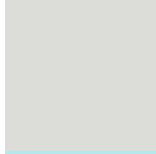
Trichromacy



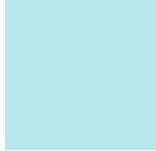
Original Color
B1EAD5



Protanomaly
D2E1D1



Deuteranomaly
DCDDD8

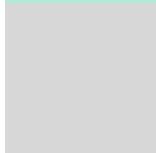


Tritanomaly
B5E7EB

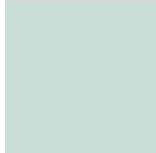
Monochromacy



Original Color
B1EAD5



Achromatopsia
D7D7D7



Achromatomaly
C9DED6

CSS Examples

Text

The CSS property to change the color of the text to Hex B1EAD5 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 #B1EAD5 looks like.

```
.text, #text, p{  
    color:#B1EAD5  
}
```

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 #B1EAD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1EAD5 }  
}
```

Border

The CSS property to change the border of an element to Hex B1EAD5 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 #B1EAD5 }  
}
```

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

```
.border{ border-color:#B1EAD5 }
```

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

Here you see how a box with a 4 pixel #B1EAD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1EAD5; -webkit-box-shadow:4px 4px  
4px 4px #B1EAD5; box-shadow:4px 4px 4px  
4px #B1EAD5 }
```

Background

The CSS property to change the background color of an element to Hex B1EAD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1EAD5 }
```

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

```
.background{ background-color:#B1EAD5 }
```

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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