

Converting Colors

Hex(B1E4C6)

Have a look what the booklet for
Hex(B1E4C6) contains.

Hex(B1E4C6)	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(B1E4C6)

Conversions

Conversions Part 1

Format	Color
Hex	B1E4C6
RGB	177, 228, 198
RGB Percent	69%, 89%, 78%
CMY	0.3059, 0.1059, 0.2235
CMYK	0.22, 0.00, 0.13, 0.11
HSL	145°, 49%, 79%
HSV	145°, 22%, 89%
XYZ	56.0679, 68.9111, 63.7722
YIQ	209.3310, -20.7660, -20.1420

Conversions

Conversions Part 2

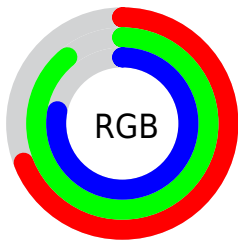
Format	Color
RYB	177, 213, 228
Decimal	11658438
CIELab	86.46, -22.30, 9.32
CIELCh	86, 24.171, 157.320
Yxy	68.9111, 0.2970, 0.3651
Android (android.graphics.Color)	4289848518 (0xFFB1E4C6)
YUV	209.3310, -5.5862, -28.3543
Hunter-Lab	83.0127, -24.7110, 12.5611

Details

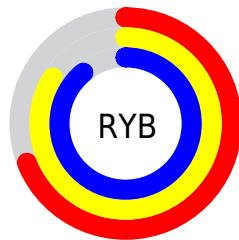
The Hex color **B1E4C6** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E4B1CF**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **E9FFFF**, and **7BAC90** is the 20% darker color. If you saturate the color by 10%, you get **9AE4B9**, and if you desaturate by 10%, it is **C8E4D3**.

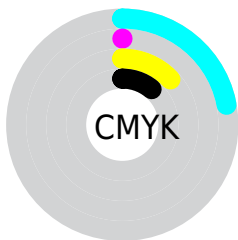
Distribution



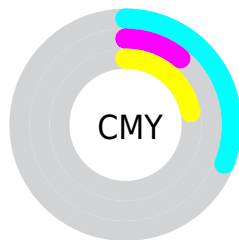
- Red (69%)
- Green (89%)
- Blue (78%)



- Red (69%)
- Yellow (84%)
- Blue (89%)



- Cyan (22%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1E4C6 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 B1E4C6 by changing the saturation by 10% instead.

 B1E4C6

 B1E4C6

FFFFFF


 96C8AB

 E9FFFF

 7BAC90

 629277

 49785E

 315F46

 184730

 00301B

 001D00

 000000

 B1E4C6

 B1E4C6

 9AE4B9

 C8E4D3

 83E4AB

 DFE4E1

 6DE49E

 F5E4EE


 56E490

 FFE4FC

 3FE483

 FFE4FF

 28E476

 11E468

 00E45E

Harmonies

Analogous

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



CBDFB4



B1E4C6



9EE6DD

Triad

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



B1E4C6



C5D8FF



FFCBBE

Complementary

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



B1E4C6



E4B1CF

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.



FFC8D3



B1E4C6



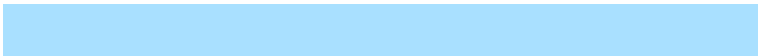
E3D1FD

Square

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



B1E4C6



A9E0FF



FBCAEB



F9D1AF

Rectangle

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



B1E4C6



99E5ED



FBCAEB



FFC9C4

Sweetspot

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



B1E4C6



EDFFF5



D0E4B1



75807A



000000



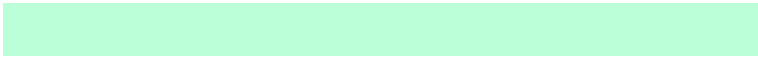
808080

Same Dimension

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



B1E4C6



BAFFD7



B1E4DF



67736C



00B34A



003315

Inverse Universe

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



E4B1CF



FFBAE3



E4B1B6



73676E



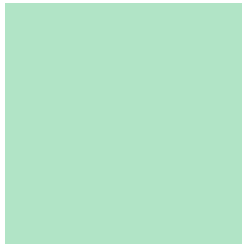
B30069



33001E

Previews

White Background



This preview shows how the Hex color B1E4C6 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 B1E4C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

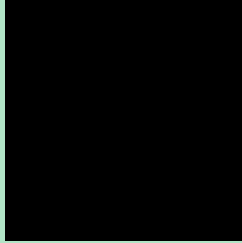
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

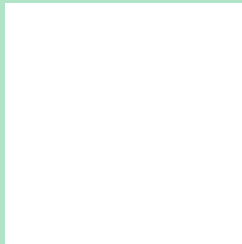
Any Text WCAG AAA ✓ Pass

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

Hex B1E4C6 Background



This preview shows how black text looks on a background with the Hex color B1E4C6.

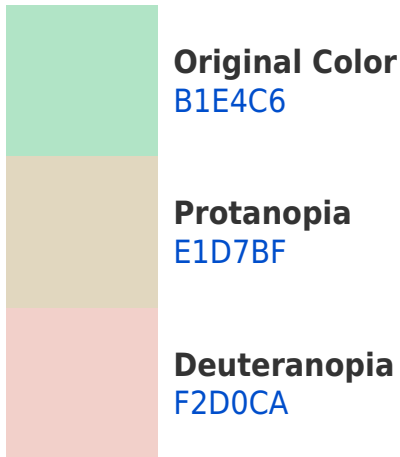


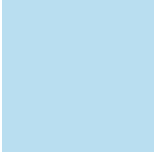
This preview shows how white text looks on a background with the Hex color B1E4C6.

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](#).

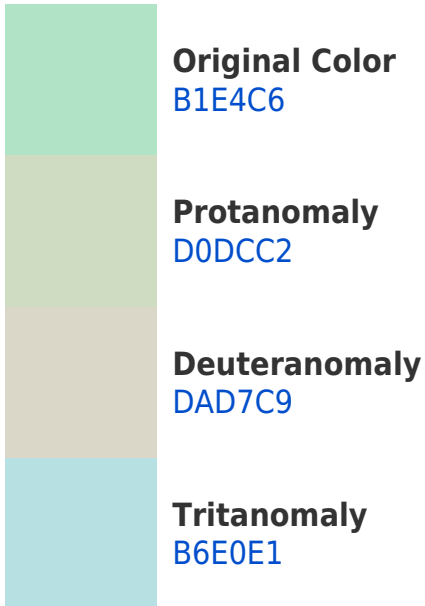
Dichromacy



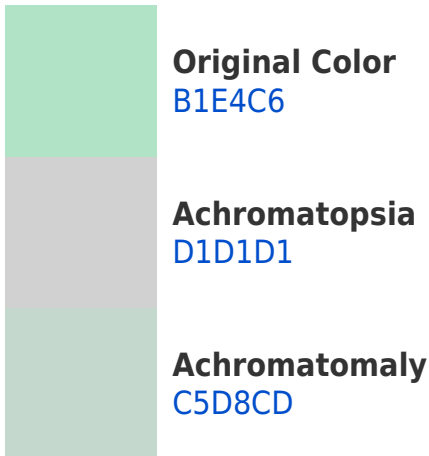


Tritanopia
B9DEF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1E4C6 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 #B1E4C6 looks like.

```
.text, #text, p{  
    color:#B1E4C6  
}
```

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 #B1E4C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1E4C6
}
```

Border

The CSS property to change the border of an element to Hex B1E4C6 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
#B1E4C6 }
```

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

```
.border{ border-color:#B1E4C6 }
```

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

Here you see how a box with a 4 pixel #B1E4C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1E4C6; -webkit-box-shadow:4px 4px  
4px 4px #B1E4C6; box-shadow:4px 4px 4px  
4px #B1E4C6 }
```

Background

The CSS property to change the background color of an element to Hex B1E4C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1E4C6 }
```

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

```
.background{ background-color:#B1E4C6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor