

Converting Colors

Hex(B1E6D6)

Have a look what the booklet for
Hex(B1E6D6) contains.

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Color

Hex(B1E6D6)

Conversions

Conversions Part 1

Format	Color
Hex	B1E6D6
RGB	177, 230, 214
RGB Percent	69%, 90%, 84%
CMY	0.3059, 0.0980, 0.1608
CMYK	0.23, 0.00, 0.07, 0.10
HSL	162°, 51%, 80%
HSV	162°, 23%, 90%
XYZ	58.5659, 70.7958, 74.1965
YIQ	212.3290, -26.4520, -16.2120

Conversions

Conversions Part 2

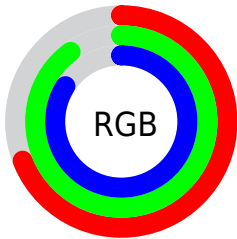
Format	Color
RYB	177, 208, 230
Decimal	11658966
CIELab	87.39, -20.15, 2.25
CIELCh	87, 20.281, 173.617
Yxy	70.7958, 0.2877, 0.3478
Android (android.graphics.Color)	4289849046 (0xFFB1E6D6)
YUV	212.3290, 0.8238, -30.9835
Hunter-Lab	84.1402, -23.0003, 6.6151

Details

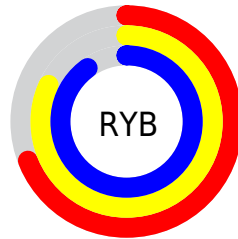
The Hex color **B1E6D6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E6B1C1**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **E9FFFF**, and **7BAE9F** is the 20% darker color. If you saturate the color by 10%, you get **9AE6CF**, and if you desaturate by 10%, it is **C8E6DD**.

Distribution



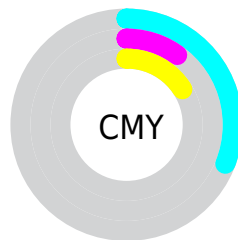
- Red (69%)
- Green (90%)
- Blue (84%)



- Red (69%)
- Yellow (82%)
- Blue (90%)



- Cyan (23%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (31%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1E6D6 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 B1E6D6 by changing the saturation by 10% instead.

 B1E6D6


FFFFFF

 E9FFFF

 B1E6D6

 96CABA

 7BAE9F

 619485

 487A6C

 306154

 16493D

 003227

 001E12

 000000

 B1E6D6

 B1E6D6

 9AE6CF

 C8E6DD

 83E6C8

 DFE6E4

 6CE6C1

 F6E6EB

 55E6BA

 FFE6F2

 3EE6B3

 FFE6F9

 27E6AC

 FFE6FF

 10E6A5

 00E6A1

Harmonies

Analogous

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



C4E3C4



B1E6D6



A8E6EA

Triad

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



B1E6D6



D9D7FE



FDD2BD

Complementary

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



B1E6D6



E6B1C1

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.



FFCECC



B1E6D6



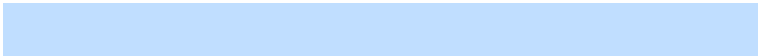
F0D1F2

Square

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



B1E6D6



CODEFF



FFCEE0



EED8B5

Rectangle

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



B1E6D6



AAE4F5



FFCEE0



FFD1C1

Sweetspot

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



B1E6D6



EDFFFA



C2E6B1



75807C



000000



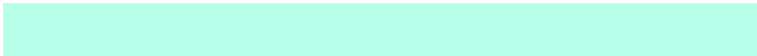
808080

Same Dimension

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



B1E6D6



B8FFE9



B1DCE6



67736F



00B37D



003324

Inverse Universe

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



E6B1C1



FFB8CD



E6BBB1



73676B



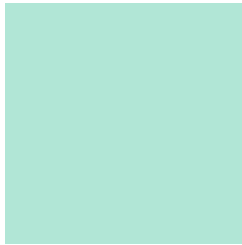
B30036



33000F

Previews

White Background



This preview shows how the Hex color B1E6D6 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 B1E6D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

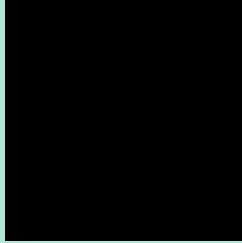
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

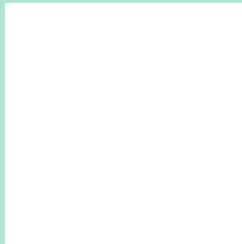
Any Text WCAG AAA ✓ Pass

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

Hex B1E6D6 Background



This preview shows how black text looks on a background with the Hex color B1E6D6.

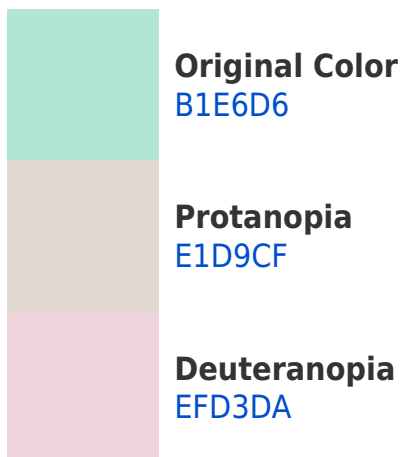


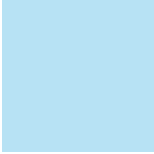
This preview shows how white text looks on a background with the Hex color B1E6D6.

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



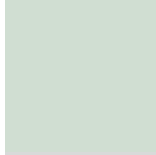


Tritanopia
B7E2F4

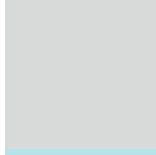
Trichromacy



Original Color
B1E6D6



Protanomaly
D0DED2



Deuteranomaly
D8DAD9

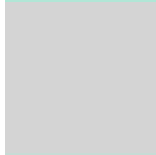


Tritanomaly
B5E3E9

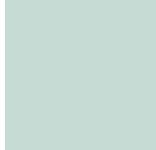
Monochromacy



Original Color
B1E6D6



Achromatopsia
D4D4D4



Achromatomaly
C7DBD5

CSS Examples

Text

The CSS property to change the color of the text to Hex B1E6D6 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 #B1E6D6 looks like.

```
.text, #text, p{  
    color:#B1E6D6  
}
```

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 #B1E6D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1E6D6
}
```

Border

The CSS property to change the border of an element to Hex B1E6D6 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
#B1E6D6 }
```

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

```
.border{ border-color:#B1E6D6 }
```

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

Here you see how a box with a 4 pixel #B1E6D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1E6D6; -webkit-box-shadow:4px 4px  
4px 4px #B1E6D6; box-shadow:4px 4px 4px  
4px #B1E6D6 }
```

Background

The CSS property to change the background color of an element to Hex B1E6D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1E6D6 }
```

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

```
.background{ background-color:#B1E6D6 }
```

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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