

Converting Colors

Hex(B1E6E6)

Have a look what the booklet for
Hex(B1E6E6) contains.

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Color

Hex(**B1E6E6**)

Conversions

Conversions Part 1

Format	Color
Hex	B1E6E6
RGB	177, 230, 230
RGB Percent	69%, 90%, 90%
CMY	0.3059, 0.0980, 0.0980
CMYK	0.23, 0.00, 0.00, 0.10
HSL	180°, 51%, 80%
HSV	180°, 23%, 90%
XYZ	60.7112, 71.6539, 85.4937
YIQ	214.1530, -31.5880, -11.2360

Conversions

Conversions Part 2

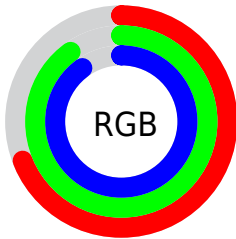
Format	Color
RYB	177, 204, 230
Decimal	11658982
CIELab	87.80, -16.82, -5.54
CIElCh	88, 17.705, 198.242
Yxy	71.6539, 0.2787, 0.3289
Android (android.graphics.Color)	4289849062 (0xFFB1E6E6)
YUV	214.1530, 7.8126, -32.5832
Hunter-Lab	84.6486, -20.1124, -0.6278

Details

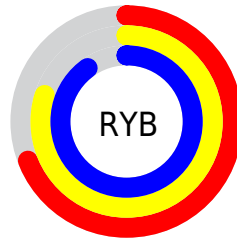
The Hex color **B1E6E6** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E6B1B1**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **EAFFFF**, and **7BAEAF** is the 20% darker color. If you saturate the color by 10%, you get **9AE6E6**, and if you desaturate by 10%, it is **C8E6E6**.

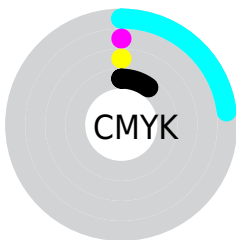
Distribution



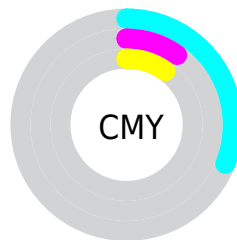
- Red (69%)
- Green (90%)
- Blue (90%)



- Red (69%)
- Yellow (80%)
- Blue (90%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color B1E6E6 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 B1E6E6 by changing the saturation by 10% instead.

 B1E6E6


 B1E6E6

FFFFFF

 96CACA

 EAFFFF

 7BAEAF

 619494

 477A7A

 2E6161

 13494A

 003233

 001E1E

 000004

 B1E6E6

 B1E6E6

 9AE6E6

 C8E6E6

 83E6E6

 DFE6E6

 6CE6E6

 F6E6E6

 55E6E6

 FFE6E6

 3EE6E6

 27E6E6

 10E6E6

 00E6E6

Harmonies

Analogous

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



BAE6D5



B1E6E6



B4E4F5

Triad

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



B1E6E6



ECD5F3



F0D9BC

Complementary

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



B1E6E6



E6B1B1

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.



FCD4C4



B1E6E6



FAD1E3

Square

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



B1E6E6



D7DAFC



FFD1D2



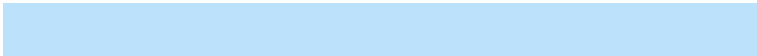
DFDEBC

Rectangle

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



B1E6E6



BCE1FB



FFD1D2



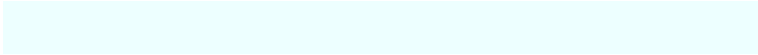
F5D7BD

Sweetspot

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



B1E6E6



EDFFFF



B1E6B1



758080



000000



808080

Same Dimension

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



B1E6E6



B8FFFF



B1CCE6



677373



00B3B3



003333

Inverse Universe

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



E6B1E6



FFB8FF



E6CCB1



736773



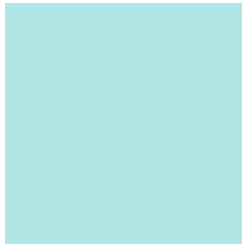
B300B3



330033

Previews

White Background



This preview shows how the Hex color B1E6E6 looks on a white background.

Color Contrast Check

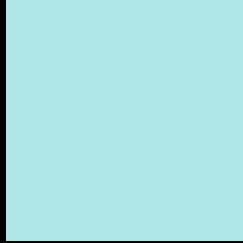
Large Text (above 18pt) WCAG AA × Fail

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 B1E6E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

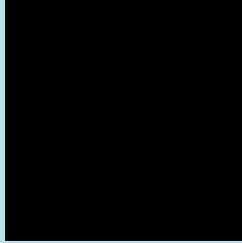
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

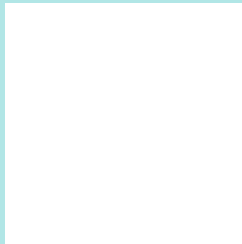
Any Text WCAG AAA ✓ Pass

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

Hex B1E6E6 Background



This preview shows how black text looks on a background with the Hex color B1E6E6.

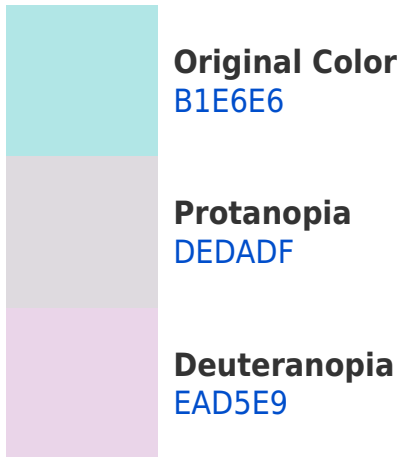


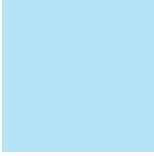
This preview shows how white text looks on a background with the Hex color B1E6E6.

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



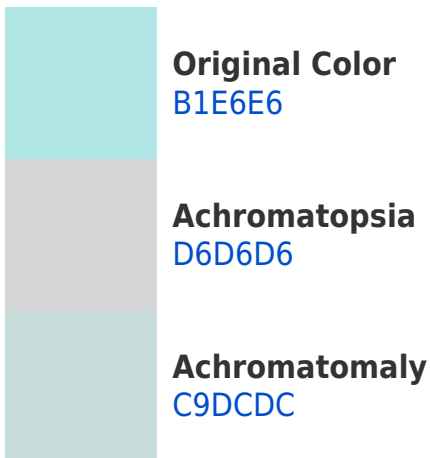


Tritanopia
B4E4F6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1E6E6 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 #B1E6E6 looks like.

```
.text, #text, p{  
    color:#B1E6E6  
}
```

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 #B1E6E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1E6E6  
}
```

Border

The CSS property to change the border of an element to Hex B1E6E6 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  
#B1E6E6 }
```

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

```
.border{ border-color:#B1E6E6 }
```

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

Here you see how a box with a 4 pixel #B1E6E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1E6E6; -webkit-box-shadow:4px 4px  
4px 4px #B1E6E6; box-shadow:4px 4px 4px  
4px #B1E6E6 }
```

Background

The CSS property to change the background color of an element to Hex B1E6E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1E6E6 }
```

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

```
.background{ background-color:#B1E6E6 }
```

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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