

Converting Colors

Hex(B1D3E3)

Have a look what the booklet for
Hex(B1D3E3) contains.

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Color

Hex(B1D3E3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B1D3E3 |
| RGB | 177, 211, 227 |
| RGB Percent | 69%, 83%, 89% |
| CMY | 0.3059, 0.1725, 0.1098 |
| CMYK | 0.22, 0.07, 0.00, 0.11 |
| HSL | 199°, 47%, 79% |
| HSV | 199°, 22%, 89% |
| XYZ | 55.2909, 61.4817, 81.6261 |
| YIQ | 202.6580, -25.4000, -2.2320 |

Conversions

Conversions Part 2

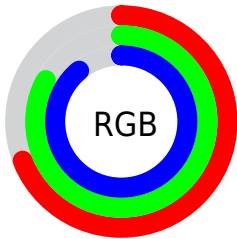
| Format | Color |
|-------------------------------------|---|
| RYB | 177, 197, 227 |
| Decimal | 11654115 |
| CIELab | 82.64, -7.77, -11.62 |
| CIElCh | 83, 13.980, 236.234 |
| Yxy | 61.4817, 0.2787, 0.3099 |
| Android (android.graphics.Color) | 4289844195 (0xFFB1D3E3) |
| YUV | 202.6580, 12.0006, -22.5021 |
| Hunter-Lab | 78.4103, -11.3490, -6.8344 |

Details

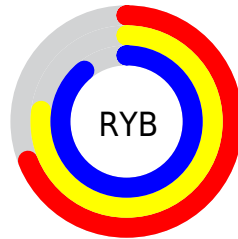
The Hex color **B1D3E3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3C1B1**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E9FFFF**, and **7B9CAC** is the 20% darker color. If you saturate the color by 10%, you get **9ACCE3**, and if you desaturate by 10%, it is **C8DAE3**.

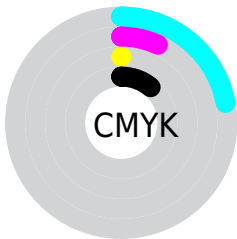
Distribution



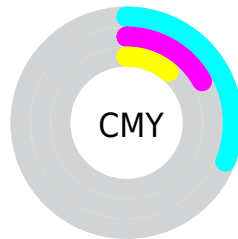
- Red (69%)
- Green (83%)
- Blue (89%)



- Red (69%)
- Yellow (77%)
- Blue (89%)



- Cyan (22%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (31%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1D3E3 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 B1D3E3 by changing the saturation by 10% instead.

 B1D3E3

 B1D3E3

FFFFFF


 96B7C7

 E9FFFF

 7B9CAC

 628291

 496977

 31515F

 183A47

 002531

 00101C

 000000

 B1D3E3

 B1D3E3

 9ACCE3

 C8DAE3

 84C4E3

 DEE2E3

 6DBDE3

 F5E9E3

 56B6E3

 FFF0E3

 40AFE3

 FFF7E3

 29A7E3

 FFFF E3

 12A0E3

 009AE3

Harmonies

Analogous

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



ACD5D9



B1D3E3



BECFE8

Triad

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



B1D3E3



E7C5D0



CCD0B6

Complementary

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



B1D3E3



E3C1B1

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.



DACCB4



B1D3E3



EAC5C3

Square

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



B1D3E3



DDC7DC



E5C8B8



BDD4BF

Rectangle

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



B1D3E3



C9CCE7



E5C8B8



D1CFB4

Sweetspot

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



B1D3E3



EDF9FF



B1E3C1



757C80



000000



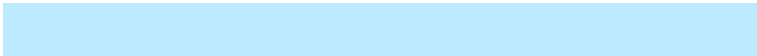
808080

Same Dimension

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



B1D3E3



BDEAFF



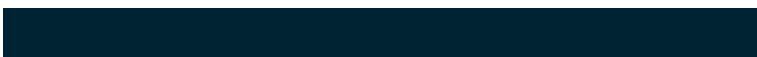
B1BAE3



676F73



0079B3



002333

Inverse Universe

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



E3B1D3



FFBDEA



E3DAB1



73676F



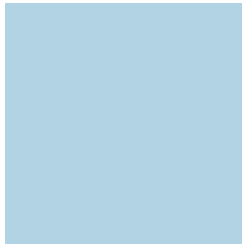
B30079



330023

Previews

White Background



This preview shows how the Hex color B1D3E3 looks on a white background.

Color Contrast Check

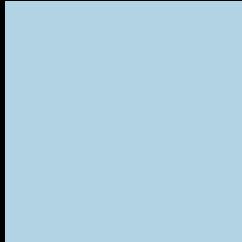
Large Text (above 18pt) WCAG AA × Fail

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 B1D3E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

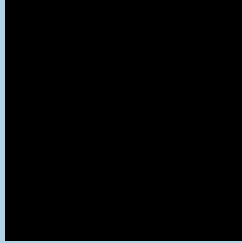
Any Text WCAG AA ✓ Pass

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 B1D3E3 Background



This preview shows how black text looks on a background with the Hex color B1D3E3.

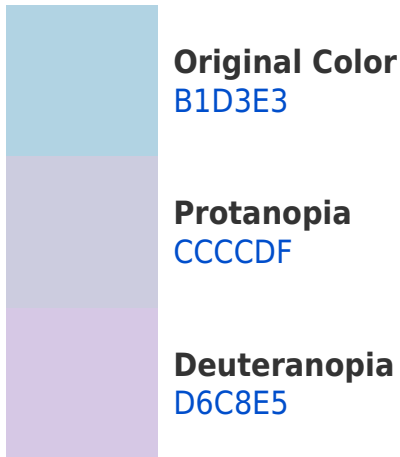


This preview shows how white text looks on a background with the Hex color B1D3E3.

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](#).

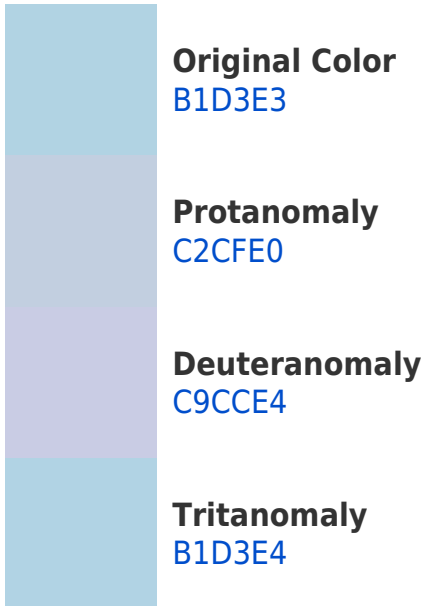
Dichromacy



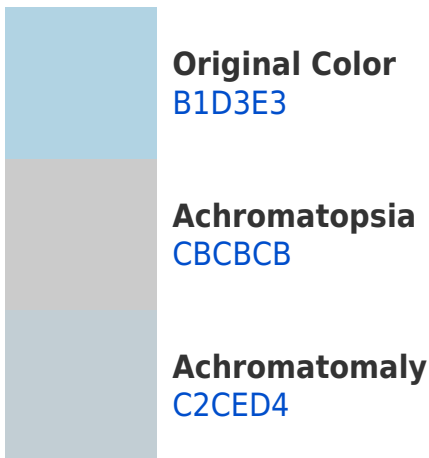


Tritanopia
B1D3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1D3E3 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 #B1D3E3 looks like.

```
.text, #text, p{  
    color:#B1D3E3  
}
```

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 #B1D3E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1D3E3
}
```

Border

The CSS property to change the border of an element to Hex B1D3E3 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
#B1D3E3 }
```

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

```
.border{ border-color:#B1D3E3 }
```

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

Here you see how a box with a 4 pixel #B1D3E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1D3E3; -webkit-box-shadow:4px 4px  
4px 4px #B1D3E3; box-shadow:4px 4px 4px  
4px #B1D3E3 }
```

Background

The CSS property to change the background color of an element to Hex B1D3E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1D3E3 }
```

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

```
.background{ background-color:#B1D3E3 }
```

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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