

Converting Colors

Hex(B1D3D3)

Have a look what the booklet for
Hex(B1D3D3) contains.

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Color

Hex(B1D3D3)

Conversions

Conversions Part 1

Format	Color
Hex	B1D3D3
RGB	177, 211, 211
RGB Percent	69%, 83%, 83%
CMY	0.3059, 0.1725, 0.1725
CMYK	0.16, 0.00, 0.00, 0.17
HSL	180°, 28%, 76%
HSV	180°, 16%, 83%
XYZ	53.1836, 60.6388, 70.5294
YIQ	200.8340, -20.2640, -7.2080

Conversions

Conversions Part 2

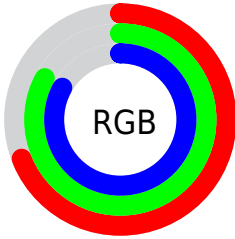
Format	Color
R _{YB}	177, 194, 211
Decimal	11654099
CIE Lab	82.18, -11.19, -3.76
CIE LCh	82, 11.806, 198.597
Yxy	60.6388, 0.2885, 0.3289
Android (android.graphics.Color)	4289844179 (0xFFB1D3D3)
YUV	200.8340, 5.0118, -20.9024
Hunter-Lab	77.8709, -14.3637, 0.8094

Details

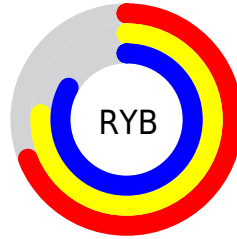
The Hex color **B1D3D3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D3B1B1**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **E9FFFF**, and **7C9C9D** is the 20% darker color. If you saturate the color by 10%, you get **9CD3D3**, and if you desaturate by 10%, it is **C6D3D3**.

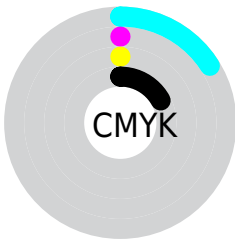
Distribution



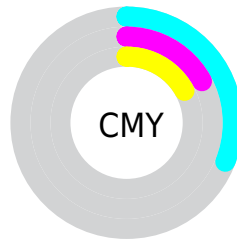
- Red (69%)
- Green (83%)
- Blue (83%)



- Red (69%)
- Yellow (76%)
- Blue (83%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color B1D3D3 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 B1D3D3 by changing the saturation by 10% instead.

 B1D3D3

 B1D3D3

FFFFFF

 96B7B7

 E9FFFF

 7C9C9D

 628282

 4A6969

 325151

 1B3A3A

 042425

 000F10

 000000

 B1D3D3

 B1D3D3

 9CD3D3

 C6D3D3

 87D3D3

 DBD3D3

 72D3D3

 F0D3D3

 5DD3D3

 FFD3D3

 48D3D3

 32D3D3

 1DD3D3

 08D3D3

 00D3D3

Harmonies

Analogous

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



B7D3C8



B1D3D3



B3D2DD

Triad

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



B1D3D3



D7C8DB



DACAB7

Complementary

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



B1D3D3



D3B1B1

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.



E2C7BC



B1D3D3



E1C5D1

Square

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



B1D3D3



C9CBE1



E5C5C6



CECEB7

Rectangle

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



B1D3D3



B8D0E1



E5C5C6



DDC9B8

Sweetspot

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



B1D3D3



F2FFFF



B1D3B1



788080



000000



808080

Same Dimension

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



B1D3D3



CFFFFFF



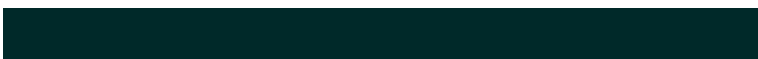
B1C2D3



5E6969



00A8A8



002929

Inverse Universe

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



D3B1D3



FFCFFF



D3C2B1



695E69



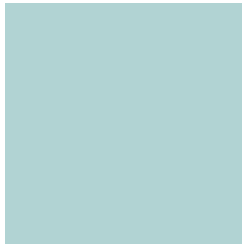
A800A8



290029

Previews

White Background



This preview shows how the Hex color B1D3D3 looks on a white background.

Color Contrast Check

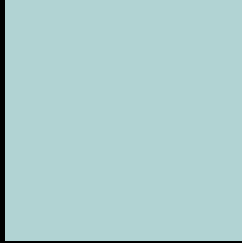
Large Text (above 18pt) WCAG AA × Fail

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 B1D3D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

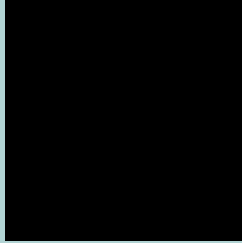
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

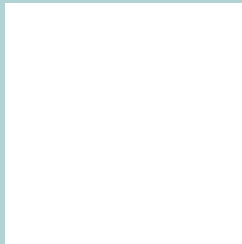
Any Text WCAG AAA ✓ Pass

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

Hex B1D3D3 Background



This preview shows how black text looks on a background with the Hex color B1D3D3.

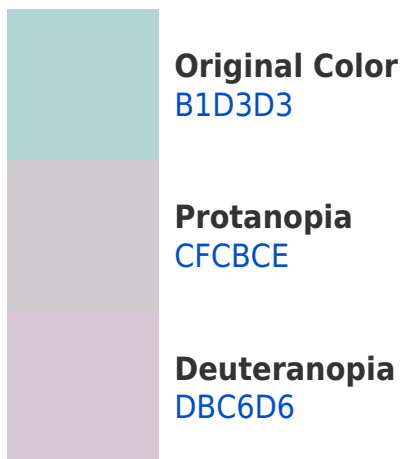


This preview shows how white text looks on a background with the Hex color B1D3D3.

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](#).

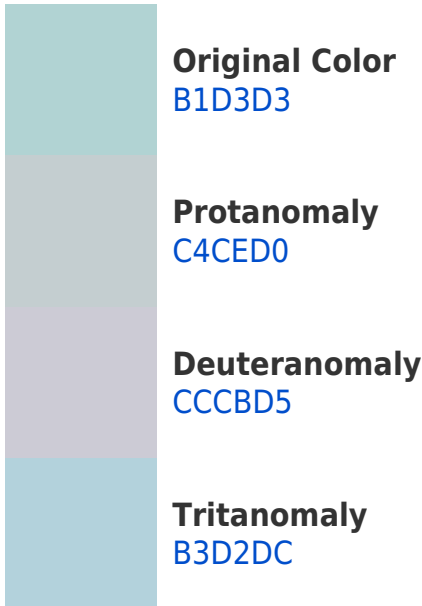
Dichromacy



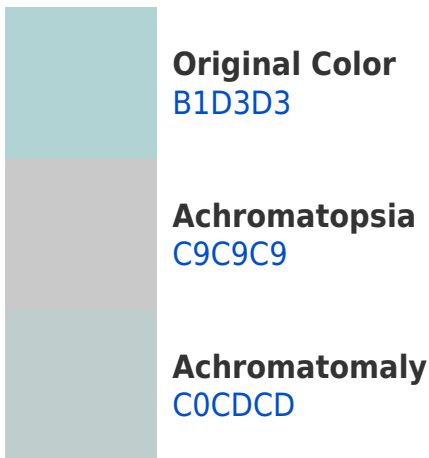


Tritanopia
B4D1E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1D3D3 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 #B1D3D3 looks like.

```
.text, #text, p{  
    color:#B1D3D3  
}
```

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 #B1D3D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1D3D3  
}
```

Border

The CSS property to change the border of an element to Hex B1D3D3 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  
#B1D3D3 }
```

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

```
.border{ border-color:#B1D3D3 }
```

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

Here you see how a box with a 4 pixel #B1D3D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1D3D3; -webkit-box-shadow:4px 4px  
4px 4px #B1D3D3; box-shadow:4px 4px 4px  
4px #B1D3D3 }
```

Background

The CSS property to change the background color of an element to Hex B1D3D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1D3D3 }
```

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

```
.background{ background-color:#B1D3D3 }
```

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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