

Converting Colors

Hex(B1D5E2)

Have a look what the booklet for
Hex(B1D5E2) contains.

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Color

Hex(B1D5E2)

Conversions

Conversions Part 1

Format	Color
Hex	B1D5E2
RGB	177, 213, 226
RGB Percent	69%, 84%, 89%
CMY	0.3059, 0.1647, 0.1137
CMYK	0.22, 0.06, 0.00, 0.11
HSL	196°, 46%, 79%
HSV	196°, 22%, 89%
XYZ	55.6532, 62.4266, 81.0678
YIQ	203.7180, -25.6290, -3.5890

Conversions

Conversions Part 2

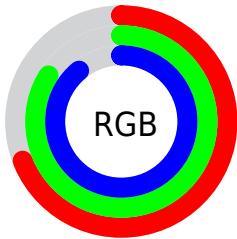
Format	Color
RYB	177, 198, 226
Decimal	11654626
CIELab	83.14, -9.03, -10.34
CIELCh	83, 13.726, 228.876
Yxy	62.4266, 0.2795, 0.3135
Android (android.graphics.Color)	4289844706 (0xFFB1D5E2)
YUV	203.7180, 10.9850, -23.4317
Hunter-Lab	79.0105, -12.5371, -5.5265

Details

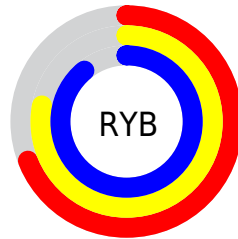
The Hex color **B1D5E2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E2BEB1**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **E9FFFF**, and **7B9EAB** is the 20% darker color. If you saturate the color by 10%, you get **9ACFE2**, and if you desaturate by 10%, it is **C8DBE2**.

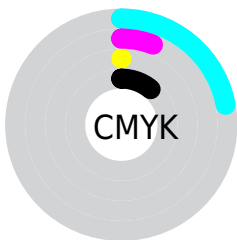
Distribution



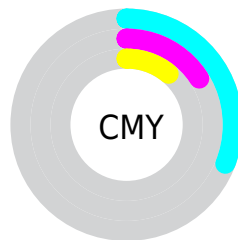
- Red (69%)
- Green (84%)
- Blue (89%)



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



- Cyan (22%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (31%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1D5E2 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 B1D5E2 by changing the saturation by 10% instead.

 B1D5E2

 B1D5E2

FFFFFF


 96B9C6

 E9FFFF

 7B9EAB

 628490

 496B77

 31535E

 183C46

 002630

 00121B

 000000

 B1D5E2

 B1D5E2

 9ACFE2

 C8DBE2

 84C9E2

 DEE1E2

 6DC3E2

 F5E7E2

 57BDE2

 FFEDE2

 40B7E2

 FFF3E2

 29B1E2

 FFF9E2

 13ABE2

 FFFF2

 00A6E2

Harmonies

Analogous

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



AFD7D7



B1D5E2



BCD2E8

Triad

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



B1D5E2



E7C7D4



D1D1B7

Complementary

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



B1D5E2



E2BEB1

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.



DFCDB6



B1D5E2



EBC7C7

Square

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



B1D5E2



DBC9E0



E8C9BC



C2D4BE

Rectangle

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



B1D5E2



C6CFE8



E8C9BC



D6CFB6

Sweetspot

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



B1D5E2



EDFAFF



B1E2BD



757D80



000000



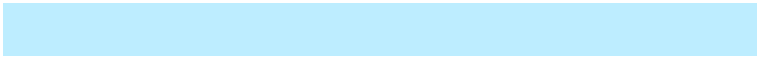
808080

Same Dimension

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



B1D5E2



BDEDFF



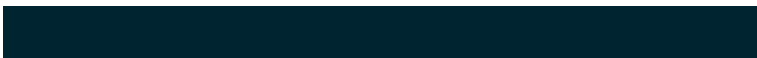
B1BDE2



656D70



0081B0



002430

Inverse Universe

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



E2B1D5



FFBDED



E2D6B1



70656D



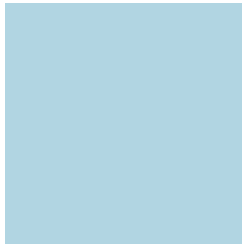
B00081



300024

Previews

White Background



This preview shows how the Hex color B1D5E2 looks on a white background.

Color Contrast Check

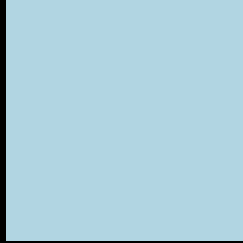
Large Text (above 18pt) WCAG AA × Fail

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 B1D5E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

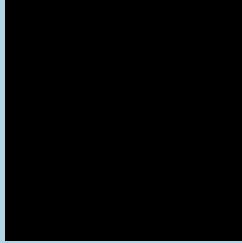
Any Text WCAG AA ✓ Pass

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 B1D5E2 Background



This preview shows how black text looks on a background with the Hex color B1D5E2.

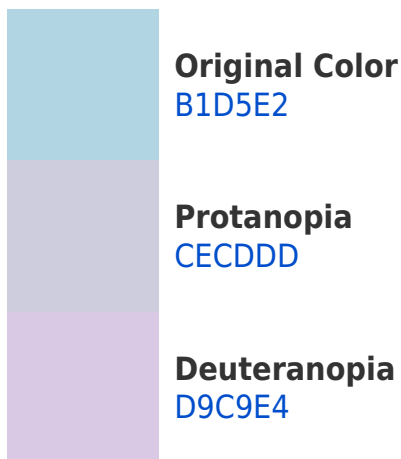


This preview shows how white text looks on a background with the Hex color B1D5E2.

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](#).

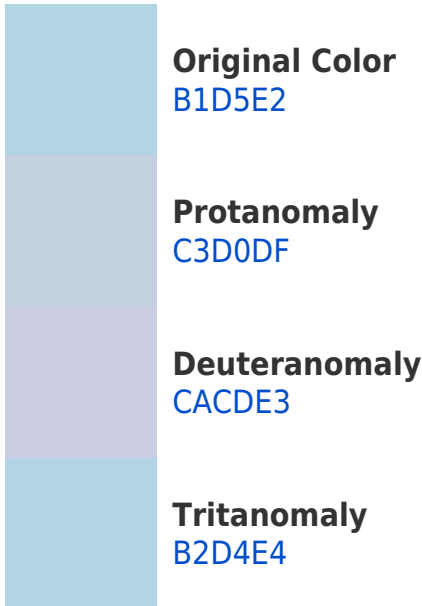
Dichromacy



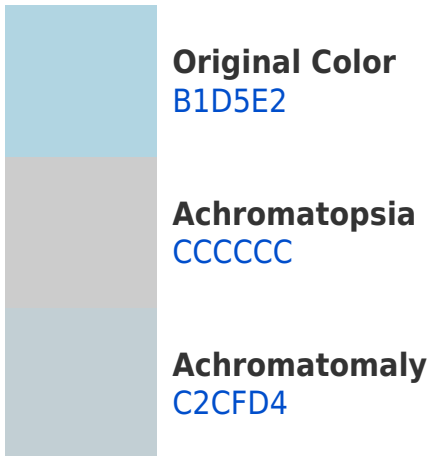


Tritanopia
B2D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1D5E2 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 #B1D5E2 looks like.

```
.text, #text, p{  
    color:#B1D5E2  
}
```

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 #B1D5E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1D5E2
}
```

Border

The CSS property to change the border of an element to Hex B1D5E2 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
#B1D5E2 }
```

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

```
.border{ border-color:#B1D5E2 }
```

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

Here you see how a box with a 4 pixel #B1D5E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1D5E2; -webkit-box-shadow:4px 4px  
4px 4px #B1D5E2; box-shadow:4px 4px 4px  
4px #B1D5E2 }
```

Background

The CSS property to change the background color of an element to Hex B1D5E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1D5E2 }
```

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

```
.background{ background-color:#B1D5E2 }
```

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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