

Converting Colors

Hex(B1C9E3)

Have a look what the booklet for
Hex(B1C9E3) contains.

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Color

Hex(B1C9E3)

Conversions

Conversions Part 1

Format	Color
Hex	B1C9E3
RGB	177, 201, 227
RGB Percent	69%, 79%, 89%
CMY	0.3059, 0.2118, 0.1098
CMYK	0.22, 0.11, 0.00, 0.11
HSL	211°, 47%, 79%
HSV	211°, 22%, 89%
XYZ	52.8832, 56.6665, 80.8235
YIQ	196.7880, -22.6500, 2.9980

Conversions

Conversions Part 2

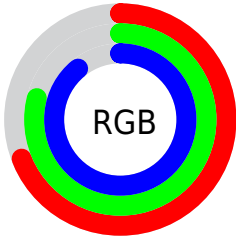
Format	Color
RYB	177, 193, 227
Decimal	11651555
CIELab	79.99, -2.52, -15.59
CIElCh	80, 15.787, 260.830
Yxy	56.6665, 0.2778, 0.2977
Android (android.graphics.Color)	4289841635 (0xFFB1C9E3)
YUV	196.7880, 14.8945, -17.3541
Hunter-Lab	75.2771, -6.3362, -10.9645

Details

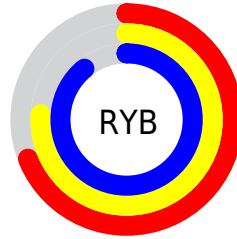
The Hex color **B1C9E3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E3CBB1**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **E9FFFF**, and **7C93AC** is the 20% darker color. If you saturate the color by 10%, you get **9ABDE3**, and if you desaturate by 10%, it is **C8D5E3**.

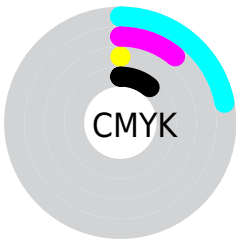
Distribution



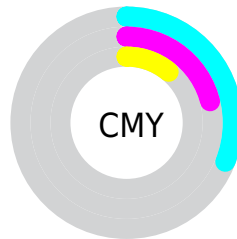
- Red (69%)
- Green (79%)
- Blue (89%)



- Red (69%)
- Yellow (76%)
- Blue (89%)



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



- Cyan (31%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1C9E3 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 B1C9E3 by changing the saturation by 10% instead.

 B1C9E3

 B1C9E3

FFFFFF

 96AEC7

 E9FFFF

 7C93AC

 627991


 496177

 31495F

 193247

 001E30

 00011C

 000000

 B1C9E3

 B1C9E3

 9ABDE3

 C8D5E3

 84B1E3

 DEE1E3

 6DA6E3

 F5ECE3

 569AE3

 FFF8E3

 408EE3

 FFFF E3

 2982E3

 1276E3

 006DE3

Harmonies

Analogous

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



A4CDDD



B1C9E3



C3C4E2

Triad

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



B1C9E3



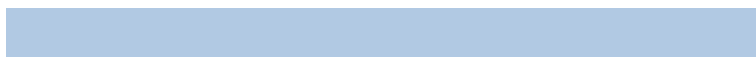
E6BDBC



B6CDB3

Complementary

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



B1C9E3



E3CBB1

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.



C7C9AB



B1C9E3



E2BFB0

Square

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



B1C9E3



E2BDCB



D7C4AA



A8CFC1

Rectangle

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



B1C9E3



D0C1DD



D7C4AA



BCCBB0

Sweetspot

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



B1C9E3



EDF6FF



B1E3CB



757A80



000000



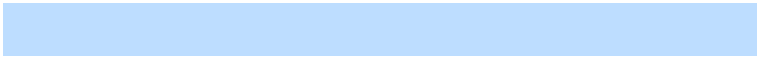
808080

Same Dimension

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



B1C9E3



BDDDFE



B2B1E3



676D73



0056B3



001833

Inverse Universe

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



E3B1C9



FFBDDD



E2E3B1



73676D



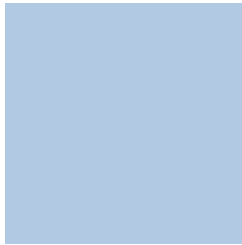
B30056



330018

Previews

White Background



This preview shows how the Hex color B1C9E3 looks on a white background.

Color Contrast Check

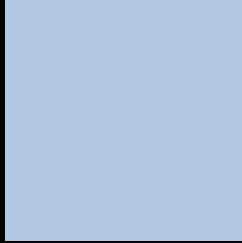
Large Text (above 18pt) WCAG AA × Fail

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 B1C9E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

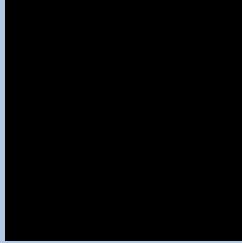
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

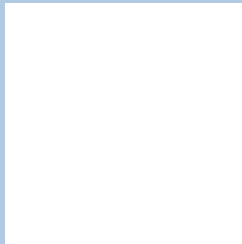
Any Text WCAG AAA ✓ Pass

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

Hex B1C9E3 Background



This preview shows how black text looks on a background with the Hex color B1C9E3.

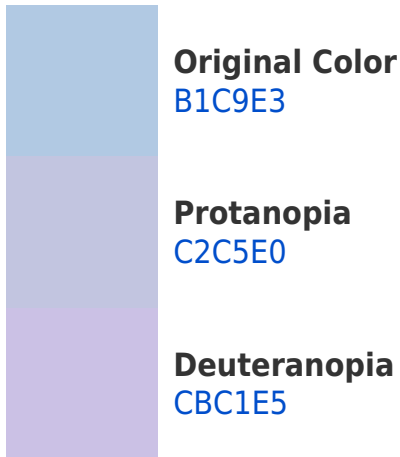


This preview shows how white text looks on a background with the Hex color B1C9E3.

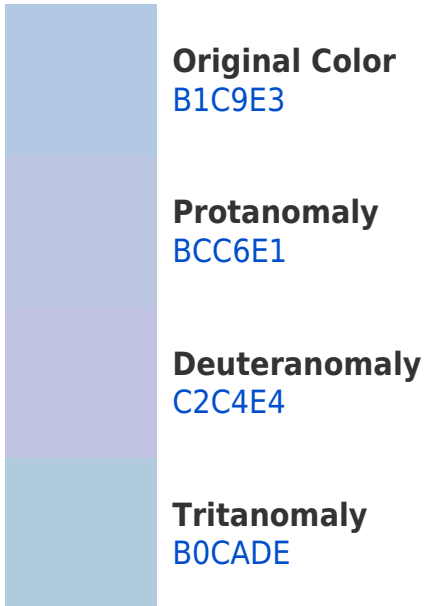
Color Blindness Simulation

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](#).

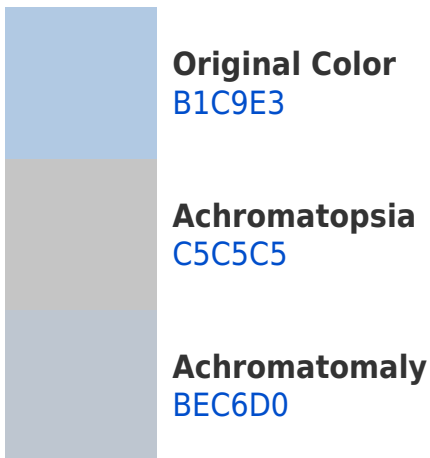
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1C9E3 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 #B1C9E3 looks like.

```
.text, #text, p{  
    color:#B1C9E3  
}
```

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 #B1C9E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1C9E3
}
```

Border

The CSS property to change the border of an element to Hex B1C9E3 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
#B1C9E3 }
```

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

```
.border{ border-color:#B1C9E3 }
```

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

Here you see how a box with a 4 pixel #B1C9E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1C9E3; -webkit-box-shadow:4px 4px  
4px 4px #B1C9E3; box-shadow:4px 4px 4px  
4px #B1C9E3 }
```

Background

The CSS property to change the background color of an element to Hex B1C9E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1C9E3 }
```

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

```
.background{ background-color:#B1C9E3 }
```

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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