

Converting Colors

Hex(B1CBF3)

Have a look what the booklet for
Hex(B1CBF3) contains.

Hex(B1CBF3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B1CBF3)

Conversions

Conversions Part 1

Format	Color
Hex	B1CBF3
RGB	177, 203, 243
RGB Percent	69%, 80%, 95%
CMY	0.3059, 0.2039, 0.0471
CMYK	0.27, 0.16, 0.00, 0.05
HSL	216°, 73%, 82%
HSV	216°, 27%, 95%
XYZ	55.6651, 58.5300, 93.1576
YIQ	199.7860, -28.3360, 6.9280

Conversions

Conversions Part 2

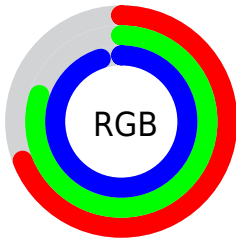
Format	Color
RYB	177, 196, 243
Decimal	11652083
CIELab	81.03, 0.09, -22.57
CIELCh	81, 22.570, 270.216
Yxy	58.5300, 0.2685, 0.2823
Android (android.graphics.Color)	4289842163 (0xFFB1CBF3)
YUV	199.7860, 21.3045, -19.9833
Hunter-Lab	76.5049, -4.0069, -18.6421

Details

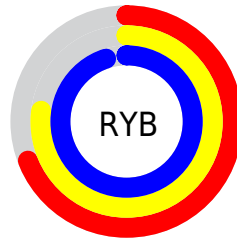
The Hex color **B1CBF3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F3D9B1**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **EAEAEAE**, and **7B95BB** is the 20% darker color. If you saturate the color by 10%, you get **99BCF3**, and if you desaturate by 10%, it is **C9DAF3**.

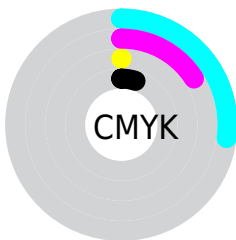
Distribution



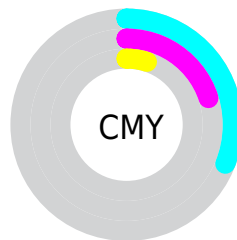
- Red (69%)
- Green (80%)
- Blue (95%)



- Red (69%)
- Yellow (77%)
- Blue (95%)



- Cyan (27%)
- Magenta (16%)
- Yellow (0%)
- Black (5%)



- Cyan (31%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1CBF3 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 B1CBF3 by changing the saturation by 10% instead.

 B1CBF3


FFFFFF

 EAFFFF

 B1CBF3

 96B0D7

 7B95BB

 617BA0

 476285

 2E4B6C

 133454

 001F3C

 000627

 000110

 B1CBF3

 B1CBF3

 99BCF3

 C9DAF3

 80AEF3

 E2E8F3

 689FF3

 FAF7F3

 5090F3

 FFFFF3

 3781F3

 1F73F3

 0764F3

 0060F3

Harmonies

Analogous

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



99D1ED



B1CBF3



CDC4EE

Triad

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



B1CBF3



F5BCB5



AAD3B4

Complementary

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



B1CBF3



F3D9B1

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.



C2CEA4



B1CBF3



EBC1A5

Square

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



B1CBF3



F3BACA



D9C89F



97D5C9

Rectangle

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



B1CBF3



DEBFE4



D9C89F



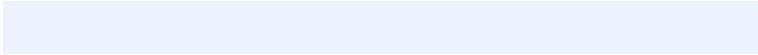
B2D2AE

Sweetspot

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



B1CBF3



EBF3FF



B1F3D9



737880



000000



808080

Same Dimension

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



B1CBF3



ABCCFF



B8B1F3



6E737A



0049BA



00173B

Inverse Universe

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



F3B1CB



FFABCC



ECF3B1



7A6E73



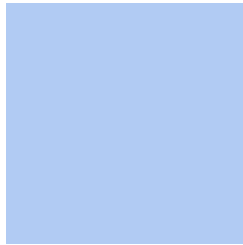
BA0049



3B0017

Previews

White Background



This preview shows how the Hex color B1CBF3 looks on a white background.

Color Contrast Check

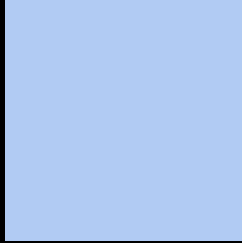
Large Text (above 18pt) WCAG AA × Fail

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 B1CBF3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

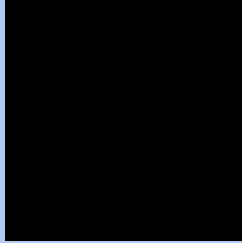
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

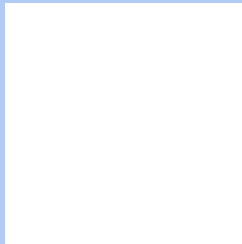
Any Text WCAG AAA ✓ Pass

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

Hex B1CBF3 Background



This preview shows how black text looks on a background with the Hex color B1CBF3.

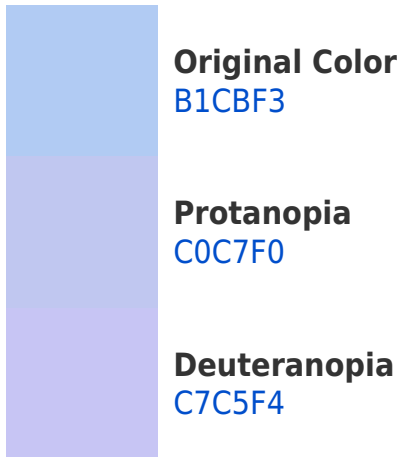


This preview shows how white text looks on a background with the Hex color B1CBF3.

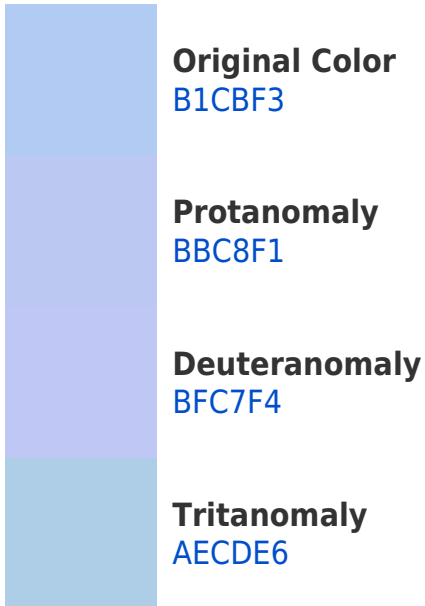
Color Blindness Simulation

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](#).

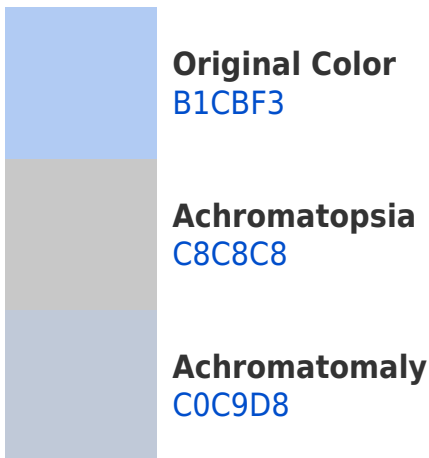
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1CBF3 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 #B1CBF3 looks like.

```
.text, #text, p{  
    color:#B1CBF3  
}
```

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 #B1CBF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1CBF3
}
```

Border

The CSS property to change the border of an element to Hex B1CBF3 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
#B1CBF3 }
```

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

```
.border{ border-color:#B1CBF3 }
```

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

Here you see how a box with a 4 pixel #B1CBF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1CBF3; -webkit-box-shadow:4px 4px  
4px 4px #B1CBF3; box-shadow:4px 4px 4px  
4px #B1CBF3 }
```

Background

The CSS property to change the background color of an element to Hex B1CBF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1CBF3 }
```

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

```
.background{ background-color:#B1CBF3 }
```

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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