

Converting Colors

Hex(B1FFC8)

Have a look what the booklet for
Hex(B1FFC8) contains.

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Color

Hex(B1FFC8)

Conversions

Conversions Part 1

Format	Color
Hex	B1FFC8
RGB	177, 255, 200
RGB Percent	69%, 100%, 78%
CMY	0.3059, 0.0000, 0.2157
CMYK	0.31, 0.00, 0.22, 0.00
HSL	138°, 100%, 85%
HSV	138°, 31%, 100%
XYZ	64.3168, 85.0372, 67.6676
YIQ	225.4080, -28.8330, -33.6410

Conversions

Conversions Part 2

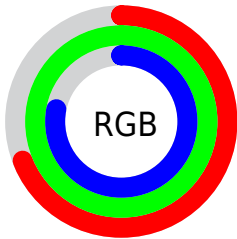
Format	Color
RYB	177, 237, 255
Decimal	11665352
CIELab	93.90, -34.74, 18.81
CIELCh	94, 39.500, 151.569
Yxy	85.0372, 0.2964, 0.3918
Android (android.graphics.Color)	4289855432 (0xFFB1FFC8)
YUV	225.4080, -12.5261, -42.4538
Hunter-Lab	92.2156, -36.8806, 21.0441

Details

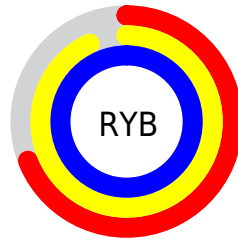
The Hex color **B1FFC8** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FFB1E8**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **EAFFFF**, and **7AC692** is the 20% darker color. If you saturate the color by 10%, you get **97FFB6**, and if you desaturate by 10%, it is **CBFFDA**.

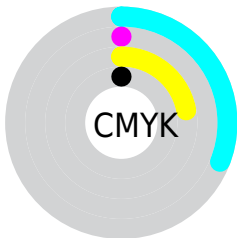
Distribution



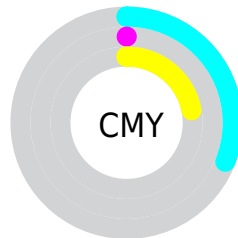
- Red (69%)
- Green (100%)
- Blue (78%)



- Red (69%)
- Yellow (93%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1FFC8 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 B1FFC8 by changing the saturation by 10% instead.

 B1FFC8

FFFFFF

 EAFFFF

 B1FFC8

 95E2AD

 7AC692

 5FAA78

 45905F

 297547

 055C30

 00441B

 002D02

 001600

 B1FFC8

 B1FFC8

 97FFB6

 CBFFDA

 7EFFA4

 E4FFEC

 64FF92

FEFFFE

 4BFF80

FFFFFF

 31FF6E

 18FF5C

 00FF4B

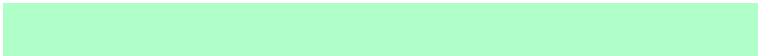
Harmonies

Analogous

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



DEF7AC



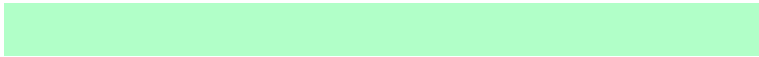
B1FFC8



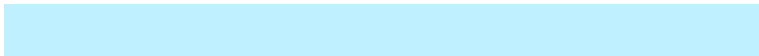
87FFEE

Triad

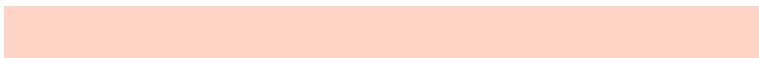
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B1FFC8



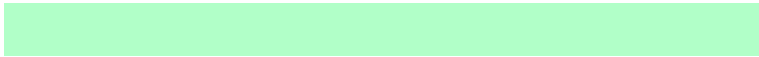
BEF0FF



FFD4C7

Complementary

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



B1FFC8



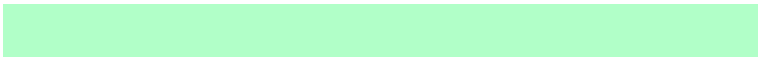
FFB1E8

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.



FFD1ED



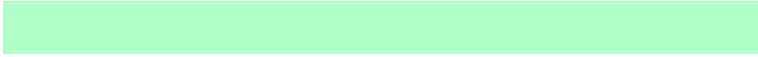
B1FFC8



F5E3FF

Square

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



B1FFC8



88FBFF



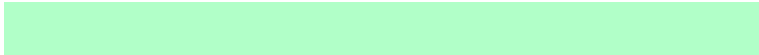
FFD7FF



FFDFAC

Rectangle

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



B1FFC8



73FFFF



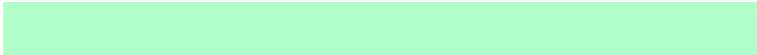
FFD7FF



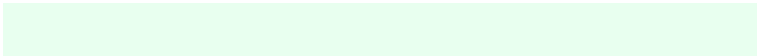
FFD2D3

Sweetspot

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



B1FFC8



E8FFEF



E9FFB1



718076



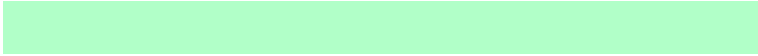
000000



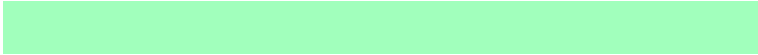
808080

Same Dimension

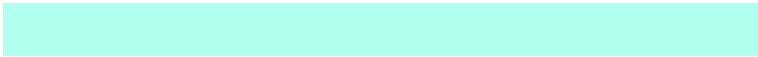
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B1FFC8



A1FFBC



B1FFEE



738077



00BF38



004013

Inverse Universe

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



FFB1E8



FFA1E3



FFB1C2



80737C



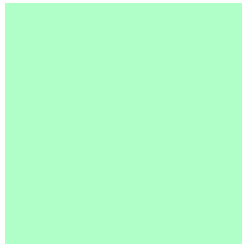
BF0087



40002D

Previews

White Background



This preview shows how the Hex color B1FFC8 looks on a white background.

Color Contrast Check

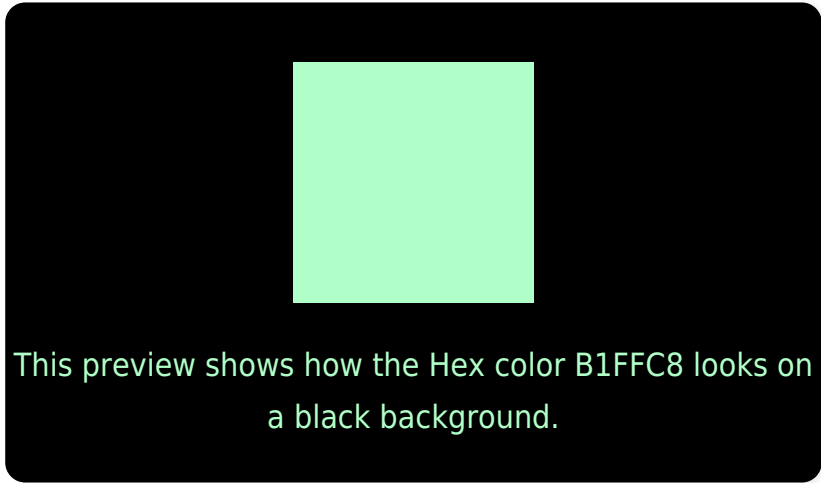
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

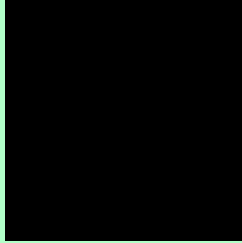
Any Text WCAG AA ✓ Pass

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 B1FFC8 Background



This preview shows how black text looks on a background with the Hex color B1FFC8.

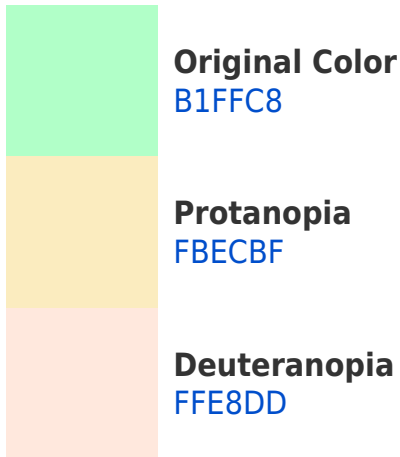


This preview shows how white text looks on a background with the Hex color B1FFC8.

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



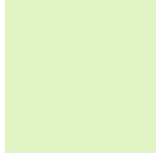


Tritanopia
D1F2FF

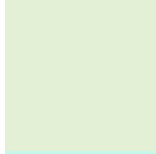
Trichromacy



Original Color
B1FFC8



Protanomaly
E0F3C2

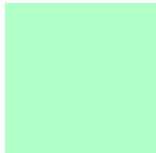


Deuteranomaly
E3F0D5

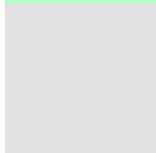


Tritanomaly
C5F7EB

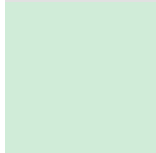
Monochromacy



Original Color
B1FFC8



Achromatopsia
E1E1E1



Achromatomaly
D0ECD8

CSS Examples

Text

The CSS property to change the color of the text to Hex B1FFC8 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 #B1FFC8 looks like.

```
.text, #text, p{  
    color:#B1FFC8  
}
```

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 #B1FFC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1FFC8
}
```

Border

The CSS property to change the border of an element to Hex B1FFC8 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
#B1FFC8 }
```

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

```
.border{ border-color:#B1FFC8 }
```

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

Here you see how a box with a 4 pixel #B1FFC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1FFC8; -webkit-box-shadow:4px 4px  
4px 4px #B1FFC8; box-shadow:4px 4px 4px  
4px #B1FFC8 }
```

Background

The CSS property to change the background color of an element to Hex B1FFC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1FFC8 }
```

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

```
.background{ background-color:#B1FFC8 }
```

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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