

Converting Colors

Hex(B3ECD9)

Have a look what the booklet for
Hex(B3ECD9) contains.

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Color

Hex(B3ECD9)

Conversions

Conversions Part 1

Format	Color
Hex	B3ECD9
RGB	179, 236, 217
RGB Percent	70%, 93%, 85%
CMY	0.2980, 0.0745, 0.1490
CMYK	0.24, 0.00, 0.08, 0.07
HSL	160°, 60%, 81%
HSV	160°, 24%, 93%
XYZ	61.1102, 74.5844, 76.8210
YIQ	216.7910, -27.8730, -17.9930

Conversions

Conversions Part 2

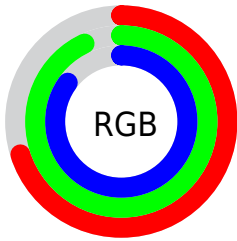
Format	Color
RYB	179, 213, 236
Decimal	11791577
CIELab	89.20, -21.89, 3.33
CIELCh	89, 22.143, 171.356
Yxy	74.5844, 0.2876, 0.3510
Android (android.graphics.Color)	4289981657 (0xFFB3ECD9)
YUV	216.7910, 0.1030, -33.1427
Hunter-Lab	86.3622, -24.8267, 7.7139

Details

The Hex color **B3ECD9** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **ECB3C6**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **ECFFFF**, and **7DB4A2** is the 20% darker color. If you saturate the color by 10%, you get **9BECD1**, and if you desaturate by 10%, it is **CBECE1**.

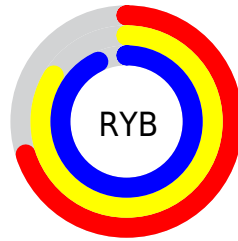
Distribution



Red (70%)

Green (93%)

Blue (85%)



Red (70%)

Yellow (84%)

Blue (93%)

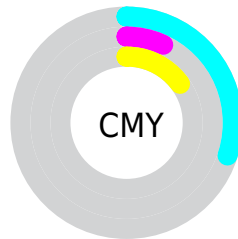


Cyan (24%)

Magenta (0%)

Yellow (8%)

Black (7%)



Cyan (30%)

Magenta (7%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3ECD9 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 B3ECD9 by changing the saturation by 10% instead.

 B3ECD9

 B3ECD9

FFFFFF


 98D0BD

 ECFFFF

 7DB4A2

 639988

 4A7F6F

 316656

 174E3F

 003629

 002115

 000000

 B3ECD9

 B3ECD9

 9BECD1

 CBECE1

 84ECC9

 E2ECE9

 6CECC1

 FAECF1

 55ECBA

 FFECF8

 3DECB2

 FFECFF

 25ECAA

 0EECA2

 00EC9D

Harmonies

Analogous

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



C8E9C5



B3ECD9



A8ECEF

Triad

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



B3ECD9



DCDDFF



FFD6C0

Complementary

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



B3ECD9



ECB3C6

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.



FFD2D2



B3ECD9



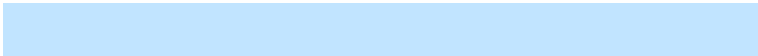
F6D6FB

Square

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



B3ECD9



C1E4FF



FFD2E7



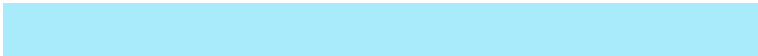
F7DDB7

Rectangle

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



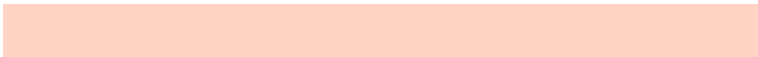
B3ECD9



A9EBFB



FFD2E7



FFD4C5

Sweetspot

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



B3ECD9



EDFFF9



C6ECB3



75807C



000000



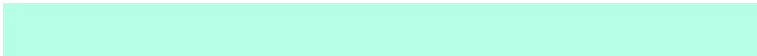
808080

Same Dimension

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



B3ECD9



B5FFE6



B3E2EC



6A7571



00B579



003624

Inverse Universe

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



ECB3C6



FFB5CE



ECBCB3



756A6D



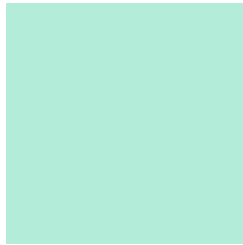
B5003C



360012

Previews

White Background



This preview shows how the Hex color B3ECD9 looks on a white background.

Color Contrast Check

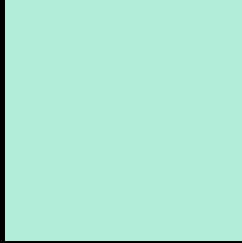
Large Text (above 18pt) WCAG AA × Fail

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 B3ECD9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

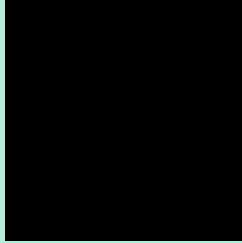
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

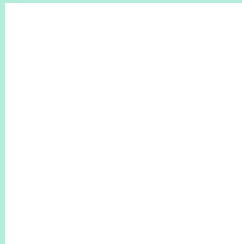
Any Text WCAG AAA ✓ Pass

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

Hex B3ECD9 Background



This preview shows how black text looks on a background with the Hex color B3ECD9.

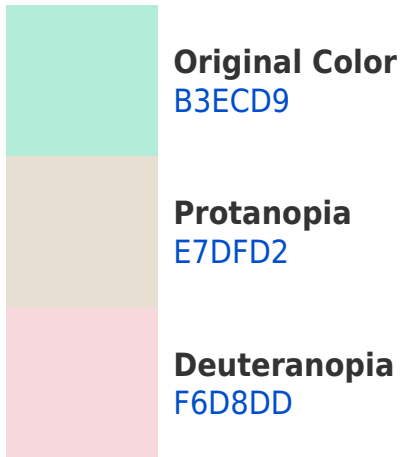


This preview shows how white text looks on a background with the Hex color B3ECD9.

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



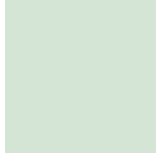


Tritanopia
BAE7FA

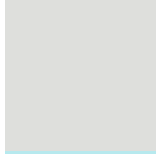
Trichromacy



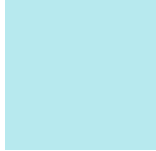
Original Color
B3ECD9



Protanomaly
D4E4D5

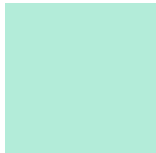


Deuteranomaly
DEDFDC

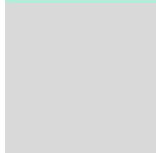


Tritanomaly
B7E9EE

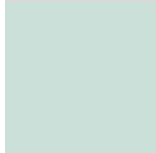
Monochromacy



Original Color
B3ECD9



Achromatopsia
D9D9D9



Achromatomaly
CBE0D9

CSS Examples

Text

The CSS property to change the color of the text to Hex B3ECD9 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 #B3ECD9 looks like.

```
.text, #text, p{  
    color:#B3ECD9  
}
```

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 #B3ECD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3ECD9
}
```

Border

The CSS property to change the border of an element to Hex B3ECD9 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
#B3ECD9 }
```

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

```
.border{ border-color:#B3ECD9 }
```

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

Here you see how a box with a 4 pixel #B3ECD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3ECD9; -webkit-box-shadow:4px 4px  
4px 4px #B3ECD9; box-shadow:4px 4px 4px  
4px #B3ECD9 }
```

Background

The CSS property to change the background color of an element to Hex B3ECD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3ECD9 }
```

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

```
.background{ background-color:#B3ECD9 }
```

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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