

Converting Colors

Hex(BCE7E8)

Have a look what the booklet for
Hex(BCE7E8) contains.

Hex(BCE7E8)	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(BCE7E8)

Conversions

Conversions Part 1

Format	Color
Hex	BCE7E8
RGB	188, 231, 232
RGB Percent	74%, 91%, 91%
CMY	0.2627, 0.0941, 0.0902
CMYK	0.19, 0.00, 0.00, 0.09
HSL	181°, 49%, 82%
HSV	181°, 19%, 91%
XYZ	63.8804, 73.6694, 87.1967
YIQ	218.2570, -25.9490, -8.8050

Conversions

Conversions Part 2

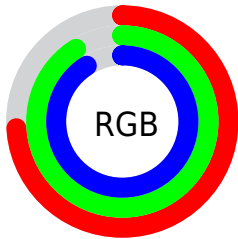
Format	Color
RYB	188, 210, 232
Decimal	12380136
CIELab	88.77, -13.61, -5.10
CIELCh	89, 14.529, 200.536
Yxy	73.6694, 0.2842, 0.3278
Android (android.graphics.Color)	4290570216 (0xFFBCE7E8)
YUV	218.2570, 6.7753, -26.5354
Hunter-Lab	85.8309, -17.3537, -0.1519

Details

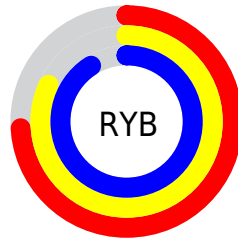
The Hex color **BCE7E8** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E8BDBC**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **F5FFFF**, and **86AFB0** is the 20% darker color. If you saturate the color by 10%, you get **A5E6E8**, and if you desaturate by 10%, it is **D3E8E8**.

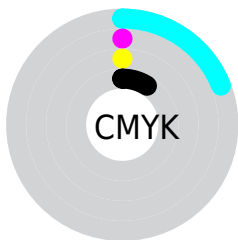
Distribution



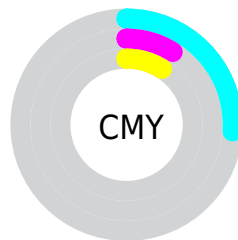
- Red (74%)
- Green (91%)
- Blue (91%)



- Red (74%)
- Yellow (82%)
- Blue (91%)



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (26%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCE7E8 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 BCE7E8 by changing the saturation by 10% instead.

 BCE7E8

 BCE7E8

FFFFFF

 A1CBCC

 F5FFFF

 86AFB0

 6C9596

 537B7C

 3A6263

 224A4B

 073335

 001E1F

 000007

 BCE7E8

 BCE7E8

 A5E6E8

 D3E8E8

 8EE6E8

 EAE8E8

 76E5E8

 FFE9E8

 5FE5E8

 FFEAE8

 48E4E8

 FFEBE8

 31E4E8

 FFECE8

 1AE3E8

 02E3E8

 00E3E8

Harmonies

Analogous

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



C3E7DA



BCE7E8



BFE5F4

Triad

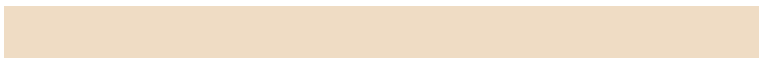
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BCE7E8



EDD9F1



EFDCC4

Complementary

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



BCE7E8



E8BDBC

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.



F9D8CA



BCE7E8



F9D6E4

Square

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



BCE7E8



DCDDF9



FDD6D6



E0E1C5

Rectangle

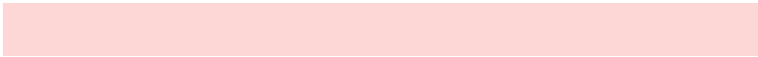
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



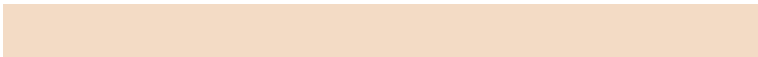
BCE7E8



C6E3F9



FDD6D6



F3DBC5

Sweetspot

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



BCE7E8



F0FFFF



BCE8BD



777F80



000000



808080

Same Dimension

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



BCE7E8



C4FEFF



BCD1E8



677273



00AEB3



003233

Inverse Universe

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



E8BCE7



FFC4FE



E8D3BC



736772



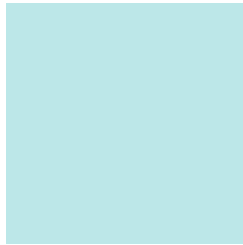
B300AE



330032

Previews

White Background



This preview shows how the Hex color BCE7E8 looks on a white background.

Color Contrast Check

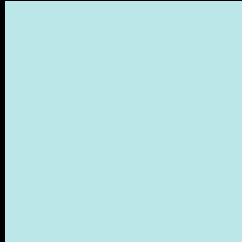
Large Text (above 18pt) WCAG AA × Fail

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 BCE7E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

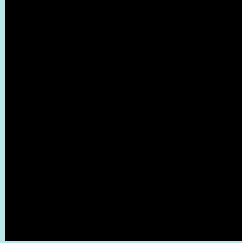
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

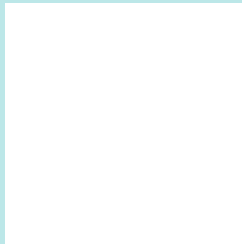
Any Text WCAG AAA ✓ Pass

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

Hex BCE7E8 Background



This preview shows how black text looks on a background with the Hex color BCE7E8.



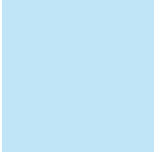
This preview shows how white text looks on a background with the Hex color BCE7E8.

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



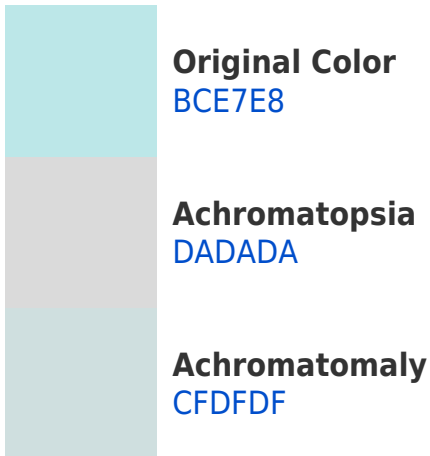


Tritanopia
BFE5F7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BCE7E8 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 #BCE7E8 looks like.

```
.text, #text, p{  
    color:#BCE7E8  
}
```

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 #BCE7E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCE7E8
}
```

Border

The CSS property to change the border of an element to Hex BCE7E8 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
#BCE7E8 }
```

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

```
.border{ border-color:#BCE7E8 }
```

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

Here you see how a box with a 4 pixel #BCE7E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCE7E8; -webkit-box-shadow:4px 4px  
4px 4px #BCE7E8; box-shadow:4px 4px 4px  
4px #BCE7E8 }
```

Background

The CSS property to change the background color of an element to Hex BCE7E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCE7E8 }
```

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

```
.background{ background-color:#BCE7E8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor