

Converting Colors

Hex(9BE1EC)

Have a look what the booklet for
Hex(9BE1EC) contains.

Hex(9BE1EC)	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(9BE1EC)

Conversions

Conversions Part 1

Format	Color
Hex	9BE1EC
RGB	155, 225, 236
RGB Percent	61%, 88%, 93%
CMY	0.3922, 0.1176, 0.0745
CMYK	0.34, 0.05, 0.00, 0.07
HSL	188°, 68%, 77%
HSV	188°, 34%, 93%
XYZ	55.5831, 66.8751, 89.3355
YIQ	205.3240, -45.2510, -11.4190

Conversions

Conversions Part 2

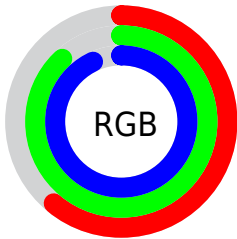
Format	Color
RYB	155, 193, 236
Decimal	10215916
CIELab	85.44, -19.12, -12.34
CIElCh	85, 22.755, 212.828
Yxy	66.8751, 0.2624, 0.3158
Android (android.graphics.Color)	4288405996 (0xFF9BE1EC)
YUV	205.3240, 15.1233, -44.1341
Hunter-Lab	81.7772, -21.7856, -7.5259

Details

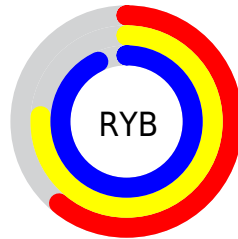
The Hex color **9BE1EC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **ECA69B**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **D4FFFF**, and **64AAB4** is the 20% darker color. If you saturate the color by 10%, you get **83DEEC**, and if you desaturate by 10%, it is **B3E4EC**.

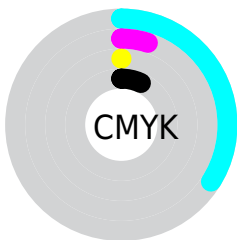
Distribution



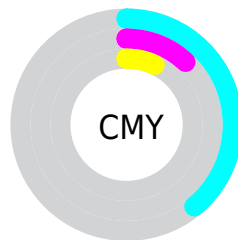
- Red (61%)
- Green (88%)
- Blue (93%)



- Red (61%)
- Yellow (76%)
- Blue (93%)



- Cyan (34%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (39%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BE1EC 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 9BE1EC by changing the saturation by 10% instead.

 9BE1EC

FFFFFF

 D4FFFF

 F1FFFF

 9BE1EC

 7FC5D0

 64AAB4

 488F99

 2C757F

 035C66

 00454E

 002E38

 001B22

 00000B

 9BE1EC

 9BE1EC

 83DEEC

 B3E4EC

 6CDBEC

 CAE7EC

 54D7EC

 E2EBEC

 3DD4EC

 F9EEEC

 25D1EC

 FFF1EC

 0DC5EC

 FFF4EC

 00CCEC

 FFF7EC

 FFFBEC

 FFFEEC

Harmonies

Analogous

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



A1E2D7



9BE1EC



A7DDFB

Triad

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



9BE1EC



F3C9EA



E4D5AB

Complementary

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



9BE1EC



ECA69B

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.



F7CEB0



9BE1EC



FFC6D4

Square

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



9BE1EC



DCCFFA



FFC8BF



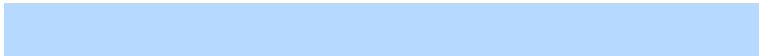
CCDBB1

Rectangle

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



9BE1EC



B6D9FF



FFC8BF



EBD2AB

Sweetspot

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



9BE1EC



E6FCFF



9BECA6



707D80



000000



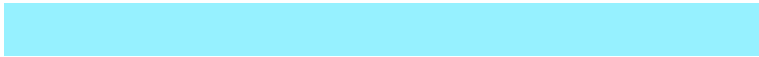
808080

Same Dimension

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



9BE1EC



96F1FF



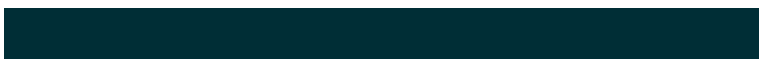
9BB9EC



6A7475



009CB5



002E36

Inverse Universe

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



EC9BE1



FF96F1



ECCE9B



756A74



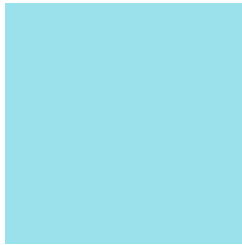
B5009C



36002E

Previews

White Background



This preview shows how the Hex color 9BE1EC looks on a white background.

Color Contrast Check

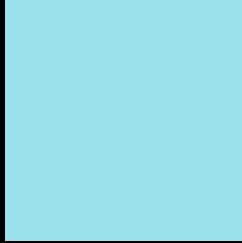
Large Text (above 18pt) WCAG AA × Fail

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 9BE1EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

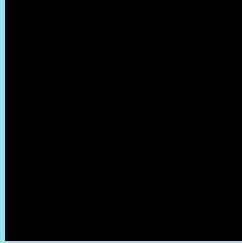
Any Text WCAG AA ✓ Pass

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 9BE1EC Background



This preview shows how black text looks on a background with the Hex color 9BE1EC.

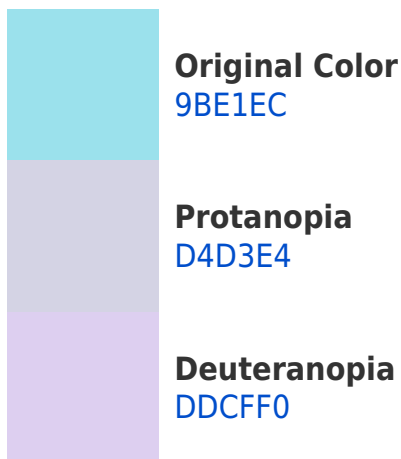


This preview shows how white text looks on a background with the Hex color 9BE1EC.

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](#).

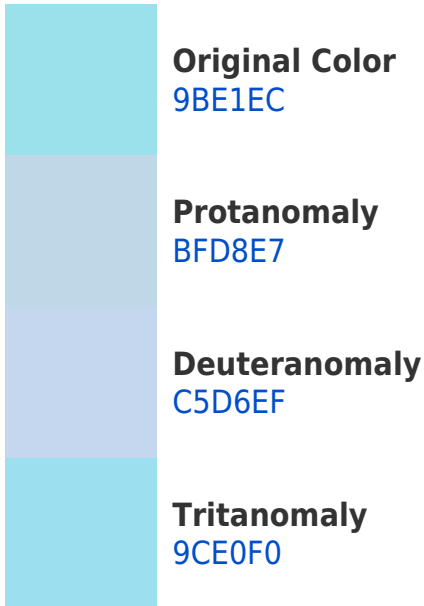
Dichromacy



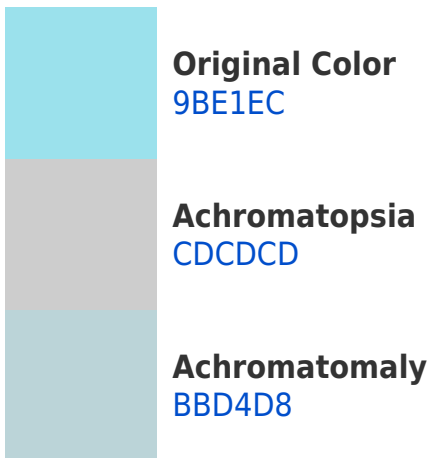


Tritanopia
9CE0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BE1EC 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 #9BE1EC looks like.

```
.text, #text, p{  
    color:#9BE1EC  
}
```

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 #9BE1EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BE1EC
}
```

Border

The CSS property to change the border of an element to Hex 9BE1EC 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
#9BE1EC }
```

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

```
.border{ border-color:#9BE1EC }
```

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

Here you see how a box with a 4 pixel #9BE1EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BE1EC; -webkit-box-shadow:4px 4px  
4px 4px #9BE1EC; box-shadow:4px 4px 4px  
4px #9BE1EC }
```

Background

The CSS property to change the background color of an element to Hex 9BE1EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BE1EC }
```

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

```
.background{ background-color:#9BE1EC }
```

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