

Converting Colors

Hex(89CE91)

Have a look what the booklet for
Hex(89CE91) contains.

Hex(89CE91)	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(89CE91)

Conversions

Conversions Part 1

Format	Color
Hex	89CE91
RGB	137, 206, 145
RGB Percent	54%, 81%, 57%
CMY	0.4627, 0.1922, 0.4314
CMYK	0.33, 0.00, 0.30, 0.19
HSL	127°, 41%, 67%
HSV	127°, 33%, 81%
XYZ	37.4987, 51.5053, 34.7532
YIQ	178.4150, -21.5430, -33.5990

Conversions

Conversions Part 2

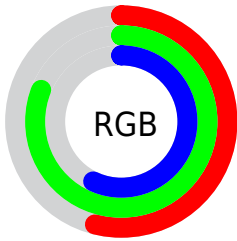
Format	Color
RYB	137, 199, 206
Decimal	9031313
CIELab	76.98, -34.08, 23.64
CIElCh	77, 41.473, 145.255
Yxy	51.5053, 0.3030, 0.4162
Android (android.graphics.Color)	4287221393 (0xFF89CE91)
YUV	178.4150, -16.4736, -36.3210
Hunter-Lab	71.7672, -32.3256, 21.5259

Details

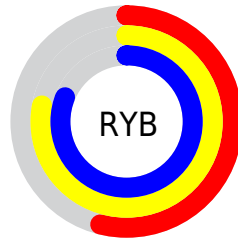
The Hex color **89CE91** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CE89C6**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **C0FFC7**, and **54975E** is the 20% darker color. If you saturate the color by 10%, you get **74CE7F**, and if you desaturate by 10%, it is **9ECEA3**.

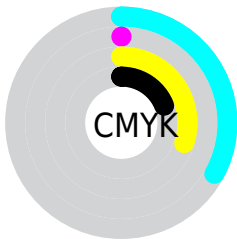
Distribution



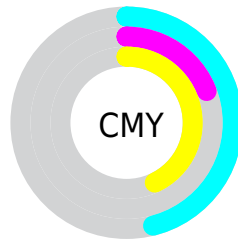
- Red (54%)
- Green (81%)
- Blue (57%)



- Red (54%)
- Yellow (78%)
- Blue (81%)



- Cyan (33%)
- Magenta (0%)
- Yellow (30%)
- Black (19%)



- Cyan (46%)
- Magenta (19%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89CE91 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 89CE91 by changing the saturation by 10% instead.



89CE91



89CE91

FFFFFF



6EB277



C0FFC7



54975E



DDFFE3



3A7D46



FAFFFF



1E642F



004B19



003400



002000



000000



89CE91



89CE91

 74CE7F

 9ECEA3

 60CE6D

 B2CEB5

 4BCE5A

 C7CEC8

 37CE48

 DBCEDA

 22CE36

 F0CEEC

 0DCE24

 FFCEFE

 00CE18

 FFCEFF

Harmonies

Analogous

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



B6C677



89CE91



55D2B6

Triad

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



89CE91



7BC4FF



FFA29F

Complementary

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



89CE91



CE89C6

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.



FFA1C6



89CE91



BAB6FF

Square

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



89CE91



32CDFC



E9A9EA



FAAC80

Rectangle

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



89CE91



2CD3D1



E9A9EA



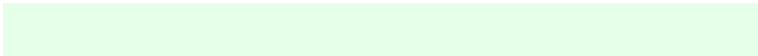
FFA0AC

Sweetspot

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



89CE91



E6FFE8



C7CE89



708072



000000



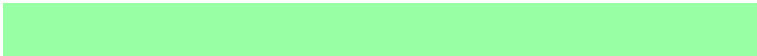
808080

Same Dimension

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



89CE91



99FFA5



89CEB2



5C665D



00A613



002604

Inverse Universe

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



CE89C6



FF99F3



CE89A5



665C65



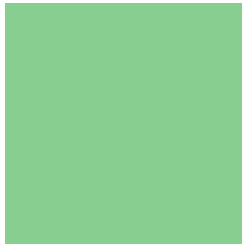
A60093



260022

Previews

White Background



This preview shows how the Hex color 89CE91 looks on a white background.

Color Contrast Check

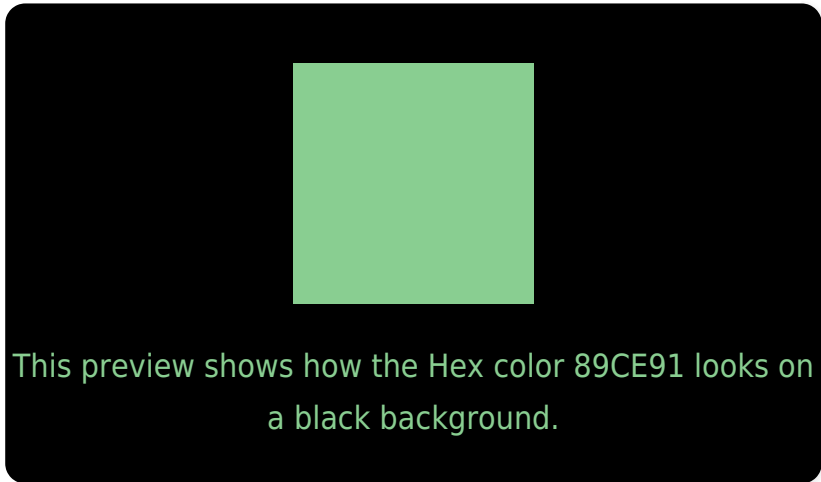
Large Text (above 18pt) WCAG AA × Fail

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

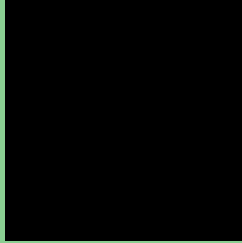
Any Text WCAG AA ✓ Pass

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 89CE91 Background



This preview shows how black text looks on a background with the Hex color 89CE91.

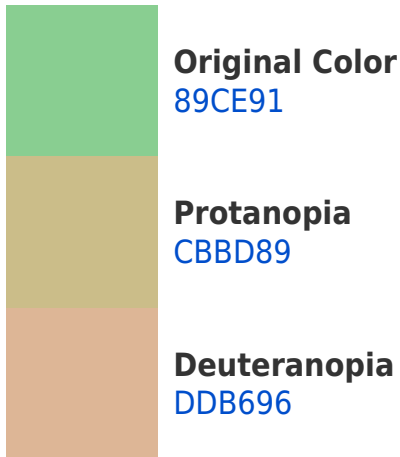


This preview shows how white text looks on a background with the Hex color 89CE91.

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](#).

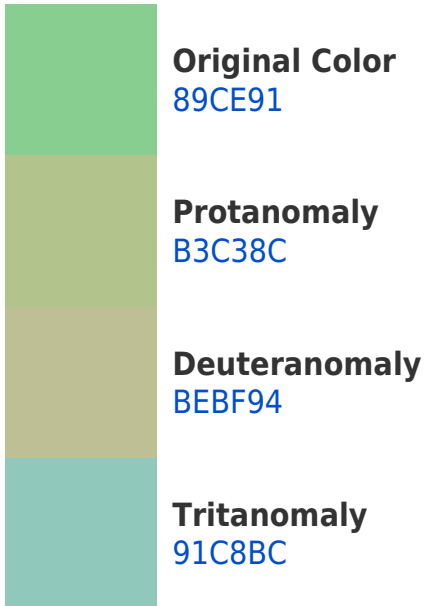
Dichromacy



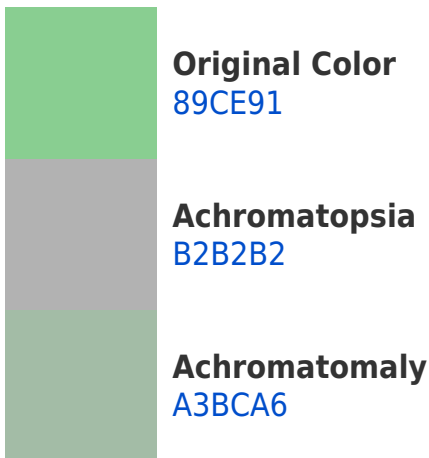


Tritanopia
96C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89CE91 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 #89CE91 looks like.

```
.text, #text, p{  
    color:#89CE91  
}
```

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 #89CE91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89CE91
}
```

Border

The CSS property to change the border of an element to Hex 89CE91 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
#89CE91 }
```

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

```
.border{ border-color:#89CE91 }
```

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

Here you see how a box with a 4 pixel #89CE91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89CE91; -webkit-box-shadow:4px 4px  
4px 4px #89CE91; box-shadow:4px 4px 4px  
4px #89CE91 }
```

Background

The CSS property to change the background color of an element to Hex 89CE91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89CE91 }
```

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

```
.background{ background-color:#89CE91 }
```

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