

# Converting Colors

Hex(89C8D7)

Have a look what the booklet for  
Hex(89C8D7) contains.

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# **Color**

**Hex(89C8D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89C8D7
RGB	137, 200, 215
RGB Percent	54%, 78%, 84%
CMY	0.4627, 0.2157, 0.1569
CMYK	0.36, 0.07, 0.00, 0.16
HSL	192°, 49%, 69%
HSV	192°, 36%, 84%
XYZ	43.2365, 51.5332, 71.9581
YIQ	182.8730, -42.3630, -8.6910

# Conversions

## Conversions Part 2

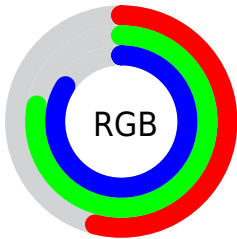
Format	Color
<a href="#">RYB</a>	<a href="#">137, 172, 215</a>
Decimal	<a href="#">9029847</a>
CIELab	<a href="#">77.00, -16.33, -13.86</a>
CIElCh	<a href="#">77, 21.418, 220.334</a>
Yxy	<a href="#">51.5332, 0.2593, 0.3091</a>
Android (android.graphics.Color)	<a href="#">4287219927 (0xFF89C8D7)</a>
YUV	<a href="#">182.8730, 15.8386, -40.2306</a>
Hunter-Lab	<a href="#">71.7866, -18.1174, -9.1809</a>

# Details

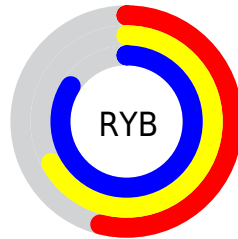
The Hex color **89C8D7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D79889**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **C1FFFF**, and **5392A0** is the 20% darker color. If you saturate the color by 10%, you get **74C4D7**, and if you desaturate by 10%, it is **9FCCD7**.

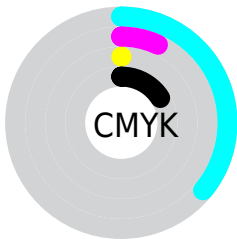
# Distribution



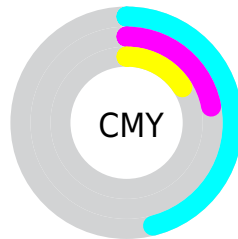
- Red (54%)
- Green (78%)
- Blue (84%)



- Red (54%)
- Yellow (67%)
- Blue (84%)



- Cyan (36%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (46%)
- Magenta (22%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89C8D7 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 89C8D7 by changing the saturation by 10% instead.



 89C8D7

 89C8D7

FFFFFF

 6EADBB

 C1FFFF

 5392A0

 DEFFFF

 377886

 FBFFFF

 195F6D

 004754

 00313D

 001D27

 000113

 000000

89C8D7

89C8D7

74C4D7

9FCCD7

5EC0D7

B4D0D7

49BCD7

CAD4D7

33B7D7

DFD9D7

1EB3D7

F5DDD7

08AFD7

FFE1D7

00AED7

FFE5D7

FFE9D7

FFEDD7

# Harmonies

## Analogous

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



8BCAC4



89C8D7



98C4E3

# Triad

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



89C8D7



DEB2CC



C6BF97

# Complementary

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



89C8D7



D79889

# 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.



D9B899



89C8D7



E7B0B8

# Square

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



89C8D7



CAB7DC



E5B3A5



B0C5A0

# Rectangle

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



89C8D7



A8C0E5



E5B3A5



CDBD97

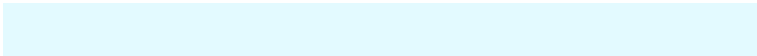


# Sweetspot

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



89C8D7



E3FAFF



89D797



6F7C80



000000



808080

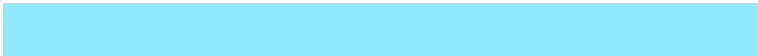


# Same Dimension

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



89C8D7



8FE9FF



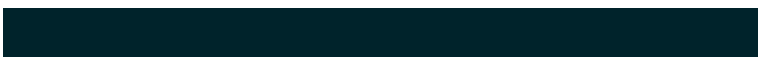
89A2D7



60696B



008AAB



00232B



# Inverse Universe

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



D789C8



FF8FE9



D7BE89



6B6069



AB008A



2B0023



# Previews

## White Background



This preview shows how the Hex color 89C8D7 looks on a white background.

## Color Contrast Check

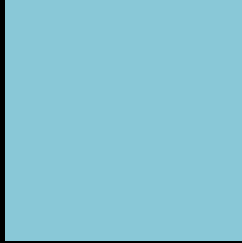
Large Text (above 18pt) WCAG AA × Fail

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 89C8D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

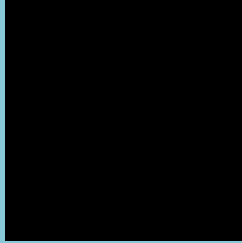
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89C8D7 Background



This preview shows how black text looks on a background with the Hex color 89C8D7.

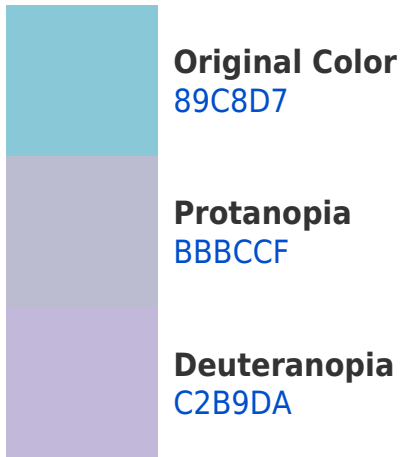


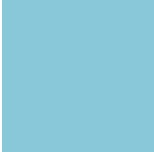
This preview shows how white text looks on a background with the Hex color 89C8D7.

# 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](#).

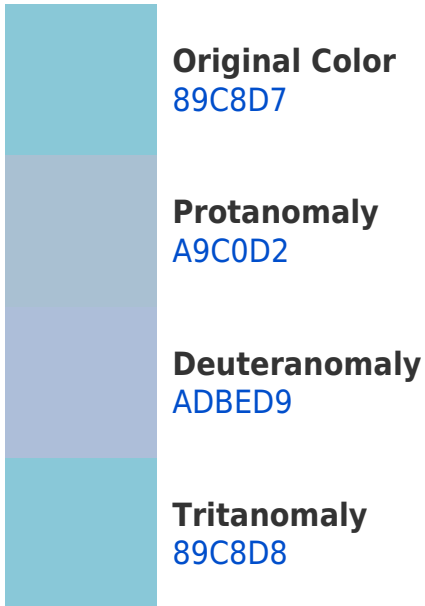
## Dichromacy



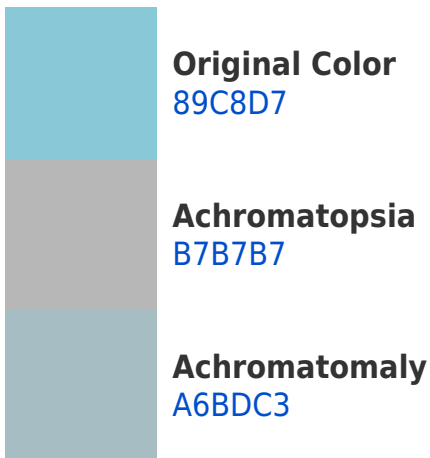


**Tritanopia**  
89C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89C8D7 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 #89C8D7 looks like.

```
.text, #text, p{  
    color:#89C8D7  
}
```

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 #89C8D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89C8D7
}
```

## Border

The CSS property to change the border of an element to Hex 89C8D7 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
#89C8D7 }
```

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

```
.border{ border-color:#89C8D7 }
```

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

Here you see how a box with a 4 pixel #89C8D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89C8D7; -webkit-box-shadow:4px 4px  
4px 4px #89C8D7; box-shadow:4px 4px 4px  
4px #89C8D7 }
```

# Background

The CSS property to change the background color of an element to Hex 89C8D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89C8D7 }
```

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

```
.background{ background-color:#89C8D7 }
```

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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