

Converting Colors

Hex(89C6E4)

Have a look what the booklet for
Hex(89C6E4) contains.

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Color

Hex(89C6E4)

Conversions

Conversions Part 1

Format	Color
Hex	89C6E4
RGB	137, 198, 228
RGB Percent	54%, 78%, 89%
CMY	0.4627, 0.2235, 0.1059
CMYK	0.40, 0.13, 0.00, 0.11
HSL	200°, 63%, 72%
HSV	200°, 40%, 89%
XYZ	44.5142, 51.3080, 80.9561
YIQ	183.1810, -45.9860, -3.6020

Conversions

Conversions Part 2

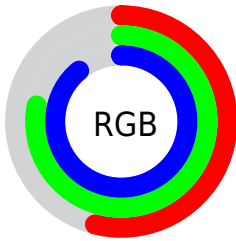
Format	Color
RYB	137, 174, 228
Decimal	9029348
CIELab	76.87, -11.99, -21.07
CIELCh	77, 24.247, 240.362
Yxy	51.3080, 0.2518, 0.2902
Android (android.graphics.Color)	4287219428 (0xFF89C6E4)
YUV	183.1810, 22.0958, -40.5007
Hunter-Lab	71.6296, -14.4229, -16.8691

Details

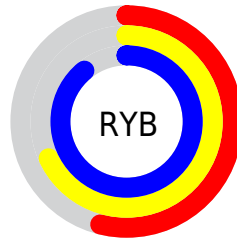
The Hex color **89C6E4** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E4A789**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **C1FFFF**, and **5290AD** is the 20% darker color. If you saturate the color by 10%, you get **72BEE4**, and if you desaturate by 10%, it is **A0CEE4**.

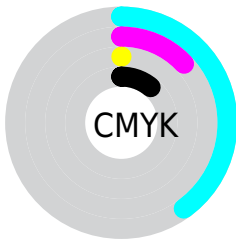
Distribution



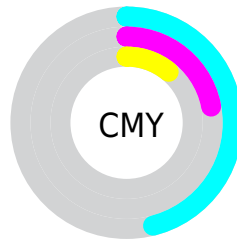
- Red (54%)
- Green (78%)
- Blue (89%)



- Red (54%)
- Yellow (68%)
- Blue (89%)



- Cyan (40%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (46%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89C6E4 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 89C6E4 by changing the saturation by 10% instead.

 89C6E4

 89C6E4

FFFFFF

 6DABC8

 C1FFFF

 5290AD

 DEFFFF

 357792

 FCFFFF

 135E78

 00465F

 003047

 001C31

 00021C

 000000

89C6E4

89C6E4

72BEE4

A0CEE4

5BB7E4

B7D5E4

45AFE4

CDDDE4

2EA8E4

E4E4E4

17A0E4

FBECE4

0099E4

FFF3E4

FFFBE4

FFFFE4

Harmonies

Analogous

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



7ECAD4



89C6E4



A3C0EA

Triad

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



89C6E4



E9AEBE



B6C397

Complementary

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



89C6E4



E4A789

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.



CEBC91



89C6E4



EBAFA8

Square

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



89C6E4



DBB1D4



E1B597



9CC8A7

Rectangle

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



89C6E4



B8BAE8



E1B597



BEC193

Sweetspot

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



89C6E4



E0F5FF



89E4A6



6E7A80



000000



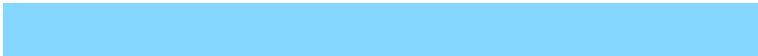
808080

Same Dimension

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



89C6E4



85D7FF



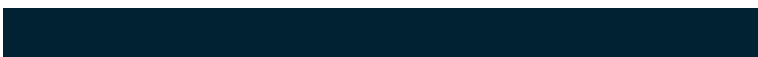
899AE4



676F73



0078B3



002233

Inverse Universe

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



E489C6



FF85D7



E4D389



73676F



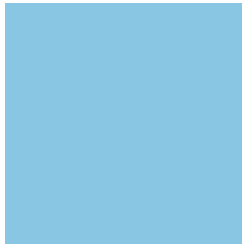
B30078



330022

Previews

White Background



This preview shows how the Hex color 89C6E4 looks on a white background.

Color Contrast Check

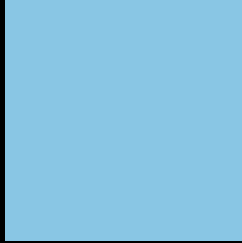
Large Text (above 18pt) WCAG AA × Fail

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 89C6E4 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 89C6E4 Background



This preview shows how black text looks on a background with the Hex color 89C6E4.

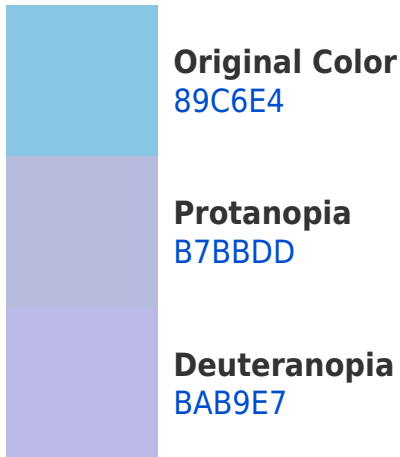


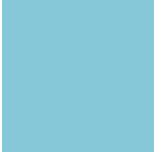
This preview shows how white text looks on a background with the Hex color 89C6E4.

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



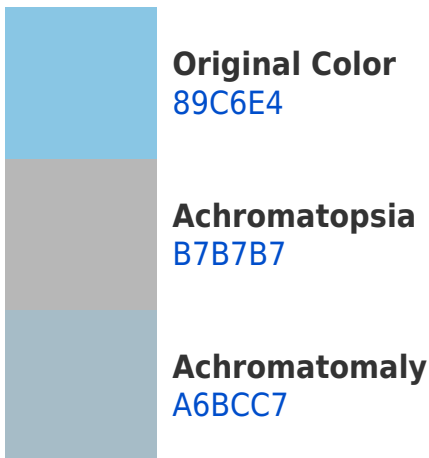


Tritanopia
86C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89C6E4 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 #89C6E4 looks like.

```
.text, #text, p{  
    color:#89C6E4  
}
```

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 #89C6E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89C6E4
}
```

Border

The CSS property to change the border of an element to Hex 89C6E4 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
#89C6E4 }
```

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

```
.border{ border-color:#89C6E4 }
```

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

Here you see how a box with a 4 pixel #89C6E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89C6E4; -webkit-box-shadow:4px 4px  
4px 4px #89C6E4; box-shadow:4px 4px 4px  
4px #89C6E4 }
```

Background

The CSS property to change the background color of an element to Hex 89C6E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89C6E4 }
```

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

```
.background{ background-color:#89C6E4 }
```

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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