

Converting Colors

Hex(89C6E3)

Have a look what the booklet for
Hex(89C6E3) contains.

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Color

Hex(89C6E3)

Conversions

Conversions Part 1

Format	Color
Hex	89C6E3
RGB	137, 198, 227
RGB Percent	54%, 78%, 89%
CMY	0.4627, 0.2235, 0.1098
CMYK	0.40, 0.13, 0.00, 0.11
HSL	199°, 62%, 71%
HSV	199°, 40%, 89%
XYZ	44.3757, 51.2526, 80.2269
YIQ	183.0670, -45.6650, -3.9130

Conversions

Conversions Part 2

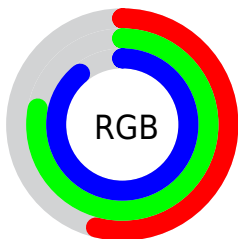
Format	Color
RYB	137, 173, 227
Decimal	9029347
CIELab	76.83, -12.25, -20.59
CIElCh	77, 23.955, 239.246
Yxy	51.2526, 0.2523, 0.2914
Android (android.graphics.Color)	4287219427 (0xFF89C6E3)
YUV	183.0670, 21.6590, -40.4008
Hunter-Lab	71.5909, -14.6406, -16.3285

Details

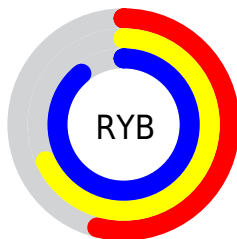
The Hex color **89C6E3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E3A689**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **C1FFFF**, and **5290AC** is the 20% darker color. If you saturate the color by 10%, you get **72BFE3**, and if you desaturate by 10%, it is **A0CDE3**.

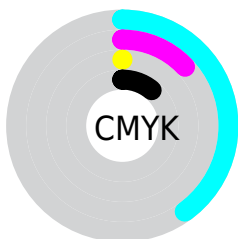
Distribution



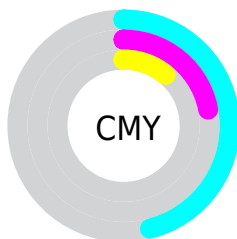
- Red (54%)
- Green (78%)
- Blue (89%)



- 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 89C6E3 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 89C6E3 by changing the saturation by 10% instead.

 89C6E3

 89C6E3

FFFFFF

 6DABC7

 C1FFFF

 5290AC

 DEFFFF

 367791

 FCFFFF

 145E77

 00465E

 003047

 001C30

 00011B

 000000

89C6E3

89C6E3

72BFE3

A0CDE3

5CB7E3

B6D5E3

45B0E3

CDDCE3

2EA9E3

E4E3E3

18A1E3

FBEBE3

019AE3

FFF2E3

009AE3

FFF9E3

FFFFE3

Harmonies

Analogous

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



7FCAD2



89C6E3



A3C0EA

Triad

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



89C6E3



E9AEBF



B7C397

Complementary

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



89C6E3



E3A689

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.



CFBC92



89C6E3



EBAFA9

Square

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



89C6E3



DAB1D5



E1B598



9EC8A6

Rectangle

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



89C6E3



B7BBE7



E1B598



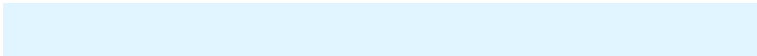
BFC194

Sweetspot

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



89C6E3



E0F5FF



89E3A5



6E7A80



000000



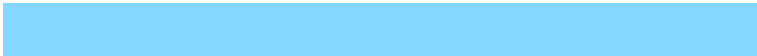
808080

Same Dimension

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



89C6E3



85D8FF



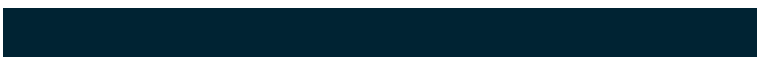
899AE3



676F73



0079B3



002333

Inverse Universe

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



E389C6



FF85D8



E3D389



73676F



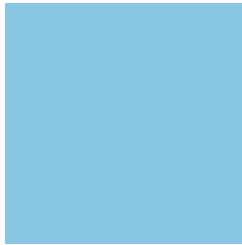
B30079



330023

Previews

White Background



This preview shows how the Hex color 89C6E3 looks on a white background.

Color Contrast Check

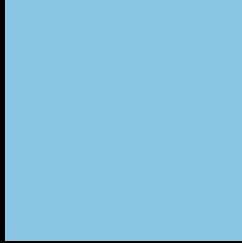
Large Text (above 18pt) WCAG AA × Fail

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 89C6E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

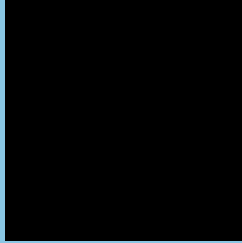
Any Text WCAG AA ✓ Pass

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 89C6E3 Background



This preview shows how black text looks on a background with the Hex color 89C6E3.



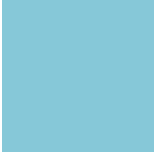
This preview shows how white text looks on a background with the Hex color 89C6E3.

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](#).

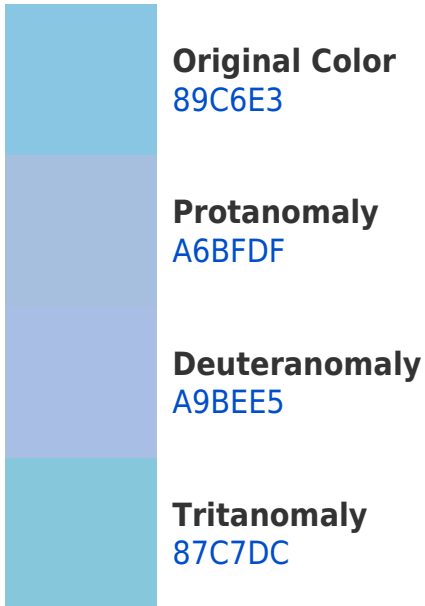
Dichromacy



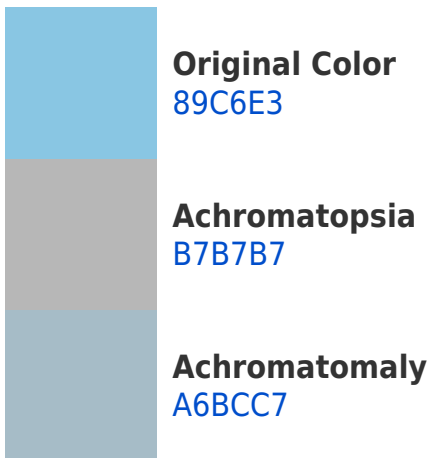


Tritanopia
86C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89C6E3 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 #89C6E3 looks like.

```
.text, #text, p{  
    color:#89C6E3  
}
```

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 #89C6E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89C6E3
}
```

Border

The CSS property to change the border of an element to Hex 89C6E3 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
#89C6E3 }
```

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

```
.border{ border-color:#89C6E3 }
```

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

Here you see how a box with a 4 pixel #89C6E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89C6E3; -webkit-box-shadow:4px 4px  
4px 4px #89C6E3; box-shadow:4px 4px 4px  
4px #89C6E3 }
```

Background

The CSS property to change the background color of an element to Hex 89C6E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89C6E3 }
```

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

```
.background{ background-color:#89C6E3 }
```

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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