

# Converting Colors

Hex(85C2E8)

Have a look what the booklet for  
Hex(85C2E8) contains.

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# **Color**

**Hex(85C2E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85C2E8
RGB	133, 194, 232
RGB Percent	52%, 76%, 91%
CMY	0.4784, 0.2392, 0.0902
CMYK	0.43, 0.16, 0.00, 0.09
HSL	203°, 68%, 72%
HSV	203°, 43%, 91%
XYZ	43.5301, 49.3963, 83.5841
YIQ	180.0930, -48.5540, -1.1140

# Conversions

## Conversions Part 2

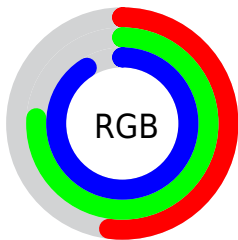
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 171, 232
Decimal	8766184
CIELab	75.70, -9.84, -25.03
CIELCh	76, 26.892, 248.540
Yxy	49.3963, 0.2466, 0.2798
Android (android.graphics.Color)	4286956264 (0xFF85C2E8)
YUV	180.0930, 25.5902, -41.3006
Hunter-Lab	70.2825, -12.4387, -21.3134

# Details

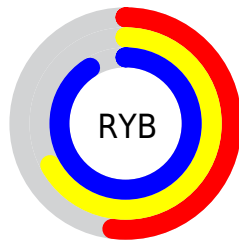
The Hex color **85C2E8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E8AB85**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **BEFAFF**, and **4D8CB0** is the 20% darker color. If you saturate the color by 10%, you get **6EB9E8**, and if you desaturate by 10%, it is **9CCBE8**.

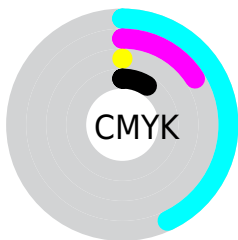
# Distribution



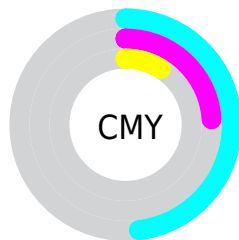
- Red (52%)
- Green (76%)
- Blue (91%)



- Red (52%)
- Yellow (67%)
- Blue (91%)



- Cyan (43%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (48%)
- Magenta (24%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85C2E8 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 85C2E8 by changing the saturation by 10% instead.



 85C2E8

 85C2E8

FFFFFF

 69A7CC

 BEFAFF

 4D8CB0

 DBFFFF

 2F7396

 F8FFFF

 045A7C

 004363

 002D4B

 001934

 00021E

 000001

85C2E8

85C2E8

6EB9E8

9CCBE8

57B0E8

B3D4E8

3FA7E8

CBDDE8

289EE8

E2E6E8

1195E8

F9EFE8

008FE8

FFF7E8

FFFE8

# Harmonies

## Analogous

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



72C7D9



85C2E8



A6BAEB

# Triad

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



85C2E8



ECA9B4



AAC293

# Complementary

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



85C2E8



E8AB85

# 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.



C6BB89



85C2E8



EAAC9D

# Square

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



85C2E8



E0ABCD



DCB38D



8EC7A8

# Rectangle

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



85C2E8



BDB5E6



DCB38D



B3C08F



# Sweetspot

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



85C2E8



DEF2FF



85E8AB



6B7880



000000



808080

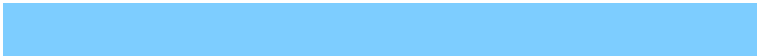


# Same Dimension

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



85C2E8



7DCDFF



8591E8



676E73



006EB3



001F33



# Inverse Universe

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



E885C2



FF7DCD



E8DC85



73676E



B3006E

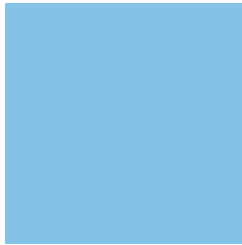


33001F



# Previews

## White Background



This preview shows how the Hex color 85C2E8 looks on a white background.

## Color Contrast Check

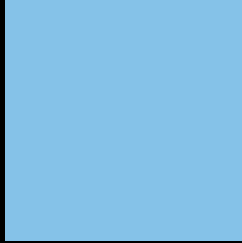
Large Text (above 18pt) WCAG AA × Fail

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 85C2E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

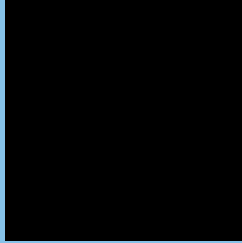
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

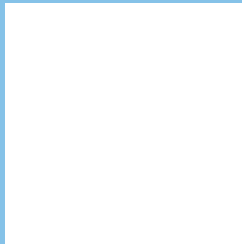
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 85C2E8 Background



This preview shows how black text looks on a background with the Hex color 85C2E8.



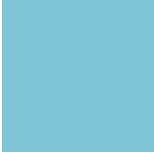
This preview shows how white text looks on a background with the Hex color 85C2E8.

# 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](#).

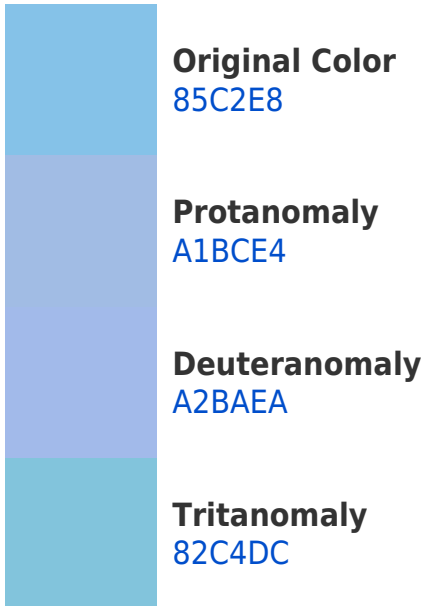
## Dichromacy



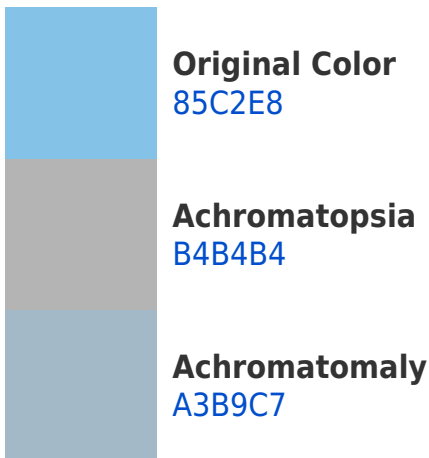


**Tritanopia**  
80C5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85C2E8 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 #85C2E8 looks like.

```
.text, #text, p{  
    color:#85C2E8  
}
```

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 #85C2E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85C2E8  
}
```

## Border

The CSS property to change the border of an element to Hex 85C2E8 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  
#85C2E8 }
```

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

```
.border{ border-color:#85C2E8 }
```

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

Here you see how a box with a 4 pixel #85C2E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85C2E8; -webkit-box-shadow:4px 4px  
4px 4px #85C2E8; box-shadow:4px 4px 4px  
4px #85C2E8 }
```

# Background

The CSS property to change the background color of an element to Hex 85C2E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85C2E8 }
```

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

```
.background{ background-color:#85C2E8 }
```

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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