

# Converting Colors

Hex(85CFE0)

Have a look what the booklet for  
Hex(85CFE0) contains.

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# **Color**

**Hex(85CFE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85CFE0
RGB	133, 207, 224
RGB Percent	52%, 81%, 88%
CMY	0.4784, 0.1882, 0.1216
CMYK	0.41, 0.08, 0.00, 0.12
HSL	191°, 59%, 70%
HSV	191°, 41%, 88%
XYZ	45.4402, 54.9940, 78.7410
YIQ	186.8120, -49.5610, -10.4010

# Conversions

## Conversions Part 2

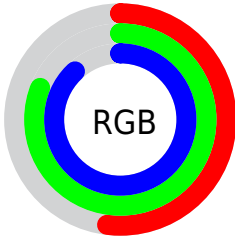
Format	Color
<b>RYB</b>	133, 174, 224
Decimal	8769504
CIELab	79.04, -18.68, -15.66
CIELCh	79, 24.377, 219.973
Yxy	54.9940, 0.2536, 0.3069
Android (android.graphics.Color)	4286959584 (0xFF85CFE0)
YUV	186.8120, 18.3337, -47.1931
Hunter-Lab	74.1579, -20.4006, -11.0436

# Details

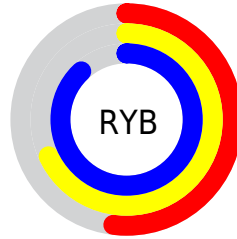
The Hex color **85CFE0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E09685**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **BEFFFF**, and **4D99A9** is the 20% darker color. If you saturate the color by 10%, you get **6FCBE0**, and if you desaturate by 10%, it is **9BD3E0**.

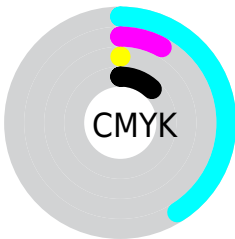
# Distribution



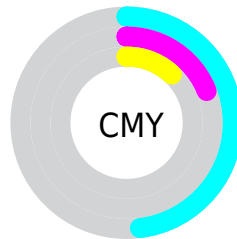
- Red (52%)
- Green (81%)
- Blue (88%)



- Red (52%)
- Yellow (68%)
- Blue (88%)



- Cyan (41%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (48%)
- Magenta (19%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85CFE0 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 85CFE0 by changing the saturation by 10% instead.



 85CFE0

 85CFE0

FFFFFF

 69B3C4

 BEFFFF

 4D99A9

 DBFFFF

 2F7E8E

 F8FFFF

 046575

 004D5C

 003645

 00212E

 00011A

 000000

 85CFE0

 85CFE0

 6FCBE0

 9BD3E0

 58C7E0

 B2D7E0

 42C2E0

 C8DCE0

 2BBEE0

 DFE0E0

 15BAE0

 F5E4E0

 00B6E0

 FFE8E0

 FFECE0

 FFF0E0

 FFF5E0

# Harmonies

## Analogous

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



88D1CB



85CFE0



96CAEE

# Triad

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



85CFE0



E7B5D4



CDC597

# Complementary

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



85CFE0



E09685

# 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.



E2BD9A



85CFE0



F2B4BD

# Square

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



85CFE0



D1BBE7



F0B7A8



B4CBA0

# Rectangle

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



85CFE0



A9C6F1



F0B7A8



D5C297

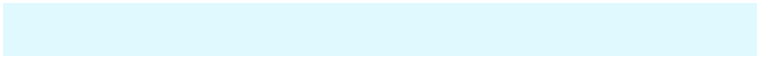


# Sweetspot

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



85CFE0



E0F9FF



85E096



6E7C80



000000



808080



# Same Dimension

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



85CFE0



82E8FF



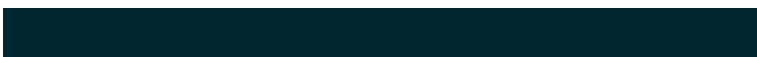
85A2E0



656E70



008FB0



002730



# Inverse Universe

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



E085CF



FF82E8



E0C385



70656E



B0008F

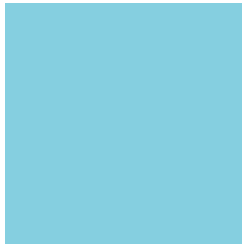


300027



# Previews

## White Background



This preview shows how the Hex color 85CFE0 looks on a white background.

## Color Contrast Check

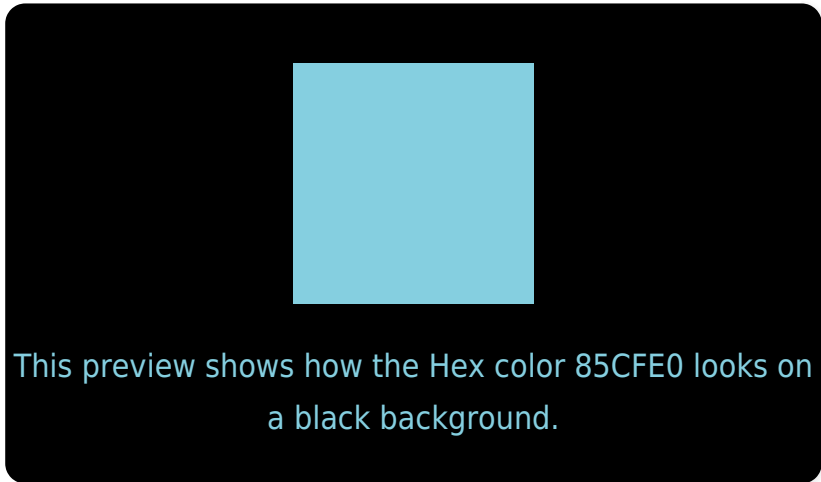
Large Text (above 18pt) WCAG AA × Fail

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

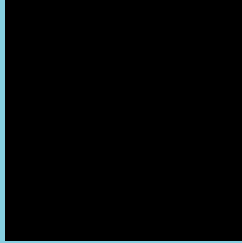
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 85CFE0 Background



This preview shows how black text looks on a background with the Hex color 85CFE0.

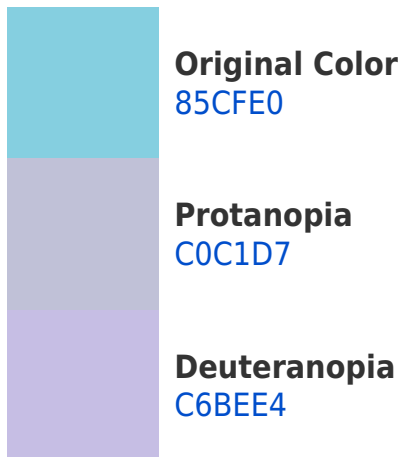


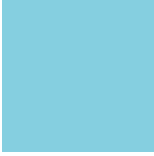
This preview shows how white text looks on a background with the Hex color 85CFE0.

# 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](#).

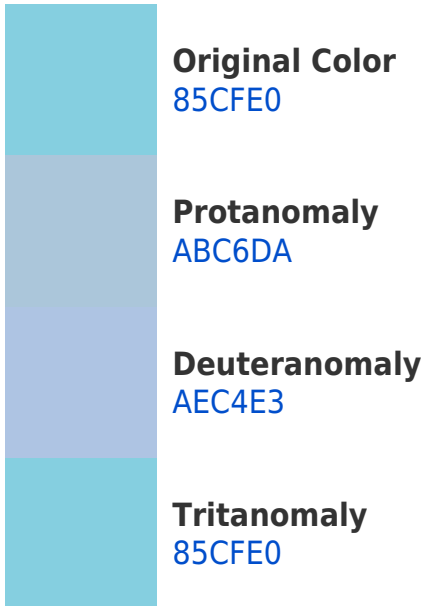
## Dichromacy



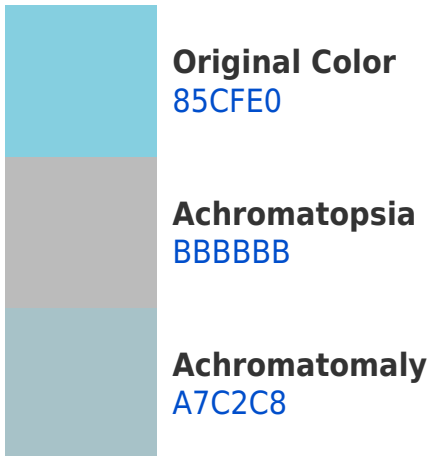


**Tritanopia**  
85CFE0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85CFE0 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 #85CFE0 looks like.

```
.text, #text, p{  
    color:#85CFE0  
}
```

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 #85CFE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85CFE0
}
```

## Border

The CSS property to change the border of an element to Hex 85CFE0 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
#85CFE0 }
```

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

```
.border{ border-color:#85CFE0 }
```

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

Here you see how a box with a 4 pixel #85CFE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85CFE0; -webkit-box-shadow:4px 4px  
4px 4px #85CFE0; box-shadow:4px 4px 4px  
4px #85CFE0 }
```

# Background

The CSS property to change the background color of an element to Hex 85CFE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85CFE0 }
```

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

```
.background{ background-color:#85CFE0 }
```

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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