

Converting Colors

Hex(85CDE8)

Have a look what the booklet for
Hex(85CDE8) contains.

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Color

Hex(85CDE8)

Conversions

Conversions Part 1

Format	Color
Hex	85CDE8
RGB	133, 205, 232
RGB Percent	52%, 80%, 91%
CMY	0.4784, 0.1961, 0.0902
CMYK	0.43, 0.12, 0.00, 0.09
HSL	196°, 68%, 72%
HSV	196°, 43%, 91%
XYZ	46.0697, 54.4754, 84.4306
YIQ	186.5500, -51.5790, -6.8670

Conversions

Conversions Part 2

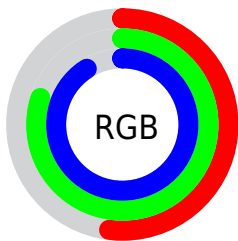
Format	Color
RYB	133, 175, 232
Decimal	8769000
CIELab	78.74, -15.59, -20.40
CIElCh	79, 25.677, 232.609
Yxy	54.4754, 0.2491, 0.2945
Android (android.graphics.Color)	4286959080 (0xFF85CDE8)
YUV	186.5500, 22.4069, -46.9633
Hunter-Lab	73.8074, -17.7456, -16.1584

Details

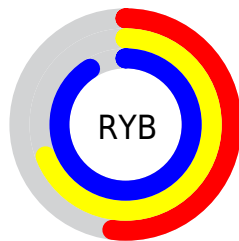
The Hex color **85CDE8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E8A085**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **BEFFFF**, and **4C97B0** is the 20% darker color. If you saturate the color by 10%, you get **6EC7E8**, and if you desaturate by 10%, it is **9CD3E8**.

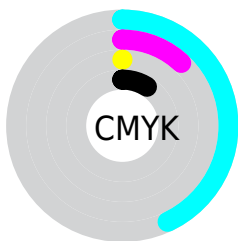
Distribution



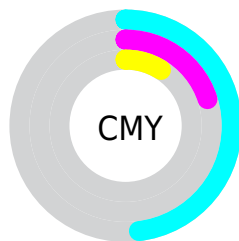
- Red (52%)
- Green (80%)
- Blue (91%)



- Red (52%)
- Yellow (69%)
- Blue (91%)



- Cyan (43%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (48%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85CDE8 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 85CDE8 by changing the saturation by 10% instead.

 85CDE8

 85CDE8

FFFFFF

 69B1CC

 BEFFFF

 4C97B0

 DBFFFF

 2E7D96

 F9FFFF

 00647C

 004C63

 00354B

 002034

 00021F

 000002

 85CDE8

 85CDE8

 6EC7E8

 9CD3E8

 57C0E8


 B3DAE8

 3FBAE8

 CBE0E8

 28B4E8

 E2E6E8

 11ADE8

 F9EDE8

 00A9E8

 FFF3E8

 FFF9E8

 FFFF8

Harmonies

Analogous

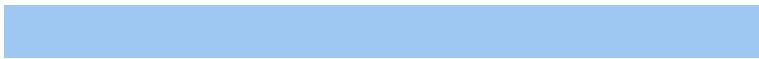
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7FD0D4



85CDE8



9EC7F2

Triad

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



85CDE8



EFB2CA



C2C797

Complementary

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



85CDE8



E8A085

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.



DABF94



85CDE8



F4B3B2

Square

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



85CDE8



DCB7E0



ECB89E



A6CDA5

Rectangle

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



85CDE8



B4C2F1



ECB89E



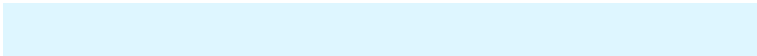
CAC594

Sweetspot

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



85CDE8



DEF6FF



85E89F



6B7A80



000000



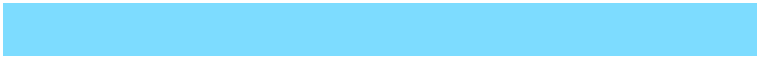
808080

Same Dimension

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



85CDE8



7DDCFF



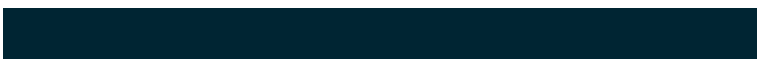
859CE8



677073



0082B3



002533

Inverse Universe

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



E885CD



FF7DDC



E8D185



736770



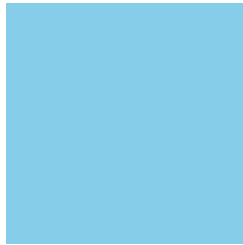
B30082



330025

Previews

White Background



This preview shows how the Hex color 85CDE8 looks on a white background.

Color Contrast Check

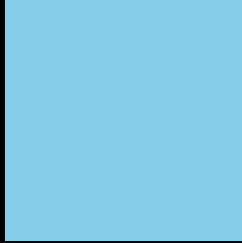
Large Text (above 18pt) WCAG AA × Fail

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 85CDE8 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 85CDE8 Background



This preview shows how black text looks on a background with the Hex color 85CDE8.



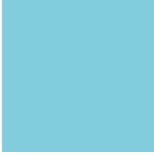
This preview shows how white text looks on a background with the Hex color 85CDE8.

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](#).

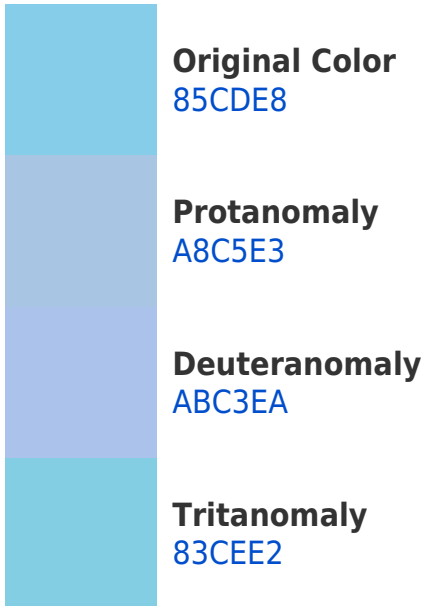
Dichromacy



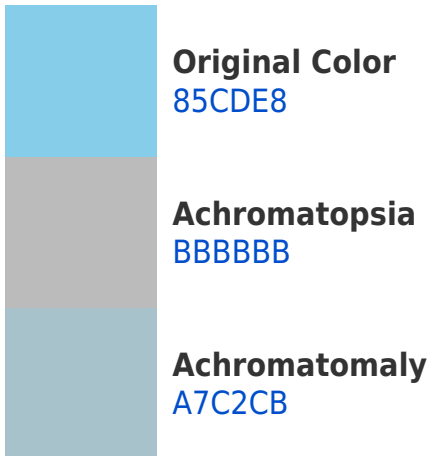


Tritanopia
82CEDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85CDE8 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 #85CDE8 looks like.

```
.text, #text, p{  
    color:#85CDE8  
}
```

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 #85CDE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85CDE8
}
```

Border

The CSS property to change the border of an element to Hex 85CDE8 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
#85CDE8 }
```

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

```
.border{ border-color:#85CDE8 }
```

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

Here you see how a box with a 4 pixel #85CDE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85CDE8; -webkit-box-shadow:4px 4px  
4px 4px #85CDE8; box-shadow:4px 4px 4px  
4px #85CDE8 }
```

Background

The CSS property to change the background color of an element to Hex 85CDE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85CDE8 }
```

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

```
.background{ background-color:#85CDE8 }
```

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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