

Converting Colors

Hex(85CDE0)

Have a look what the booklet for
Hex(85CDE0) contains.

Hex(85CDE0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(85CDE0)

Conversions

Conversions Part 1

Format	Color
Hex	85CDE0
RGB	133, 205, 224
RGB Percent	52%, 80%, 88%
CMY	0.4784, 0.1961, 0.1216
CMYK	0.41, 0.08, 0.00, 0.12
HSL	193°, 59%, 70%
HSV	193°, 41%, 88%
XYZ	44.9587, 54.0310, 78.5805
YIQ	185.6380, -49.0110, -9.3550

Conversions

Conversions Part 2

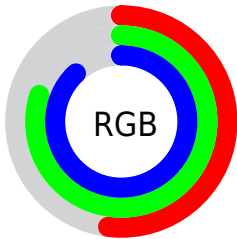
Format	Color
R _{YB}	133, 173, 224
Decimal	8768992
CIE Lab	78.48, -17.66, -16.50
CIE LCh	78, 24.170, 223.053
Yxy	54.0310, 0.2532, 0.3043
Android (android.graphics.Color)	4286959072 (0xFF85CDE0)
YUV	185.6380, 18.9125, -46.1635
Hunter-Lab	73.5058, -19.4582, -11.9292

Details

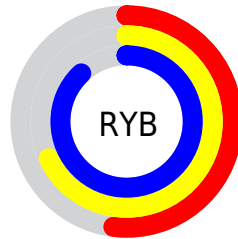
The Hex color **85CDE0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E09885**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **BEFFFF**, and **4D97A9** is the 20% darker color. If you saturate the color by 10%, you get **6FC8E0**, and if you desaturate by 10%, it is **9BD2E0**.

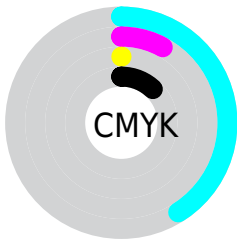
Distribution



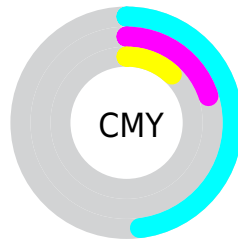
- Red (52%)
- Green (80%)
- Blue (88%)



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



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



- Cyan (48%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85CDE0 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 85CDE0 by changing the saturation by 10% instead.

 85CDE0

 85CDE0

FFFFFF

 69B1C4

 BEFFFF

 4D97A9

 DBFFFF

 307D8E

 F8FFFF

 066475

 004C5C

 003544

 00202E

 00011A

 000000

 85CDE0

 85CDE0

 6FC8E0

 9BD2E0

 58C4E0

 B2D6E0

 42BFE0

 C8DBE0

 2BBAE0

 DFE0E0

 15B6E0

 F5E4E0

 00B1E0

 FFE9E0

 FFEEE0

 FFF2E0

 FFF7E0

Harmonies

Analogous

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



86CFCB



85CDE0



98C8ED

Triad

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



85CDE0



E7B4D0



C9C496

Complementary

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



85CDE0



E09885

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.



DFBC98



85CDE0



F0B2B9

Square

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



85CDE0



D2B9E3



EDB6A4



B0CAA1

Rectangle

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



85CDE0



ABC3EF



EDB6A4



D1C195

Sweetspot

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



85CDE0



E0F9FF



85E097



6E7C80



000000



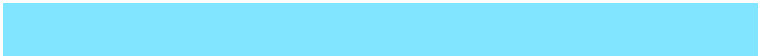
808080

Same Dimension

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



85CDE0



82E5FF



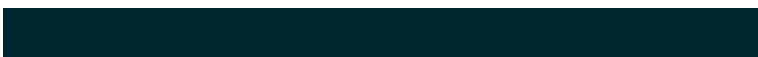
85A0E0



656E70



008BB0



002630

Inverse Universe

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



E085CD



FF82E5



E0C585



70656E



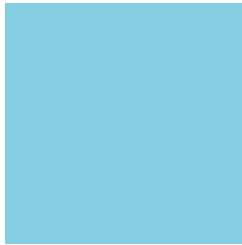
B0008B



300026

Previews

White Background



This preview shows how the Hex color 85CDE0 looks on a white background.

Color Contrast Check

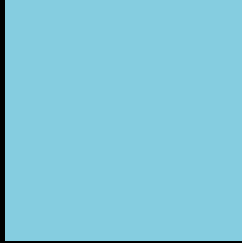
Large Text (above 18pt) WCAG AA × Fail

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 85CDE0 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 85CDE0 Background



This preview shows how black text looks on a background with the Hex color 85CDE0.

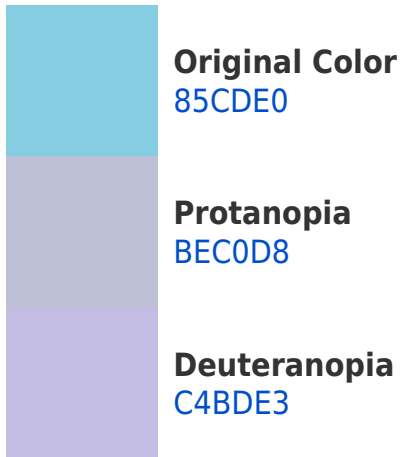


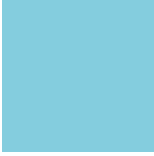
This preview shows how white text looks on a background with the Hex color 85CDE0.

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](#).

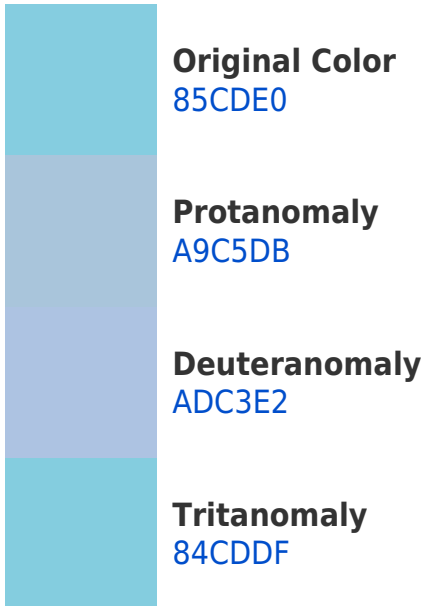
Dichromacy



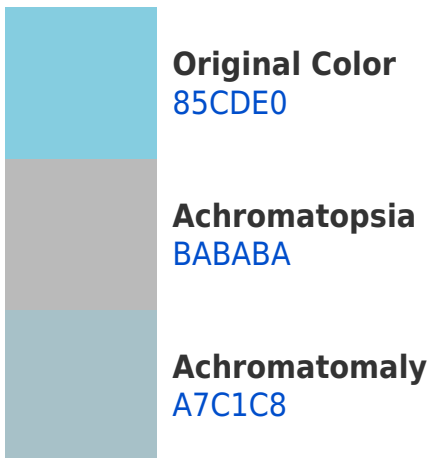


Tritanopia
84CDDE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85CDE0 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 #85CDE0 looks like.

```
.text, #text, p{  
    color:#85CDE0  
}
```

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 #85CDE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85CDE0  
}
```

Border

The CSS property to change the border of an element to Hex 85CDE0 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  
#85CDE0 }
```

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

```
.border{ border-color:#85CDE0 }
```

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

Here you see how a box with a 4 pixel #85CDE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85CDE0; -webkit-box-shadow:4px 4px  
4px 4px #85CDE0; box-shadow:4px 4px 4px  
4px #85CDE0 }
```

Background

The CSS property to change the background color of an element to Hex 85CDE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85CDE0 }
```

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

```
.background{ background-color:#85CDE0 }
```

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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