

Converting Colors

Hex(85C9DE)

Have a look what the booklet for
Hex(85C9DE) contains.

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Color

Hex(85C9DE)

Conversions

Conversions Part 1

Format	Color
Hex	85C9DE
RGB	133, 201, 222
RGB Percent	52%, 79%, 87%
CMY	0.4784, 0.2118, 0.1294
CMYK	0.40, 0.09, 0.00, 0.13
HSL	194°, 57%, 70%
HSV	194°, 40%, 87%
XYZ	43.7443, 52.0338, 76.8452
YIQ	183.0620, -47.2690, -7.8850

Conversions

Conversions Part 2

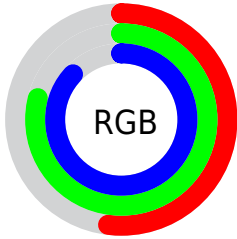
Format	Color
RYB	133, 172, 222
Decimal	8767966
CIELab	77.30, -16.12, -17.20
CIELCh	77, 23.576, 226.860
Yxy	52.0338, 0.2534, 0.3014
Android (android.graphics.Color)	4286958046 (0xFF85C9DE)
YUV	183.0620, 19.1964, -43.9044
Hunter-Lab	72.1344, -17.9879, -12.6678

Details

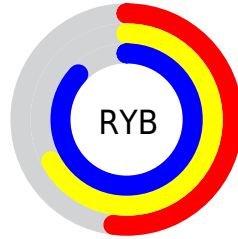
The Hex color **85C9DE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DE9A85**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **BDFFFF**, and **4E93A7** is the 20% darker color. If you saturate the color by 10%, you get **6FC4DE**, and if you desaturate by 10%, it is **9BCEDE**.

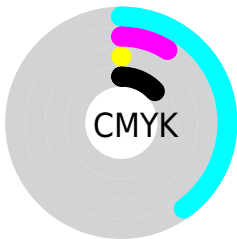
Distribution



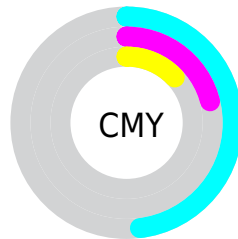
- Red (52%)
- Green (79%)
- Blue (87%)



- Red (52%)
- Yellow (67%)
- Blue (87%)



- Cyan (40%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (48%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85C9DE 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 85C9DE by changing the saturation by 10% instead.

 85C9DE

 85C9DE


FFFFFF

 69AEC2

 BDFFFF

 4E93A7

 DAFFFF

 31798C

 F8FFFF

 0A6073

 00485A

 003243

 001D2D

 000118

 000000

 85C9DE

 85C9DE

 6FC4DE

 9BCEDE

 59BFDE

 B1D3DE

 42B9DE

 C8D9DE

 2CB4DE

 DEDEDE

 16AFDE

 F4E3DE

 00AADE

 FFE8DE

 FFEEDDE

 FFF3DE

 FFF8DE

Harmonies

Analogous

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



83CBCB



85C9DE



99C4E9

Triad

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



85C9DE



E5B0C9



C3C195

Complementary

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



85C9DE



DE9A85

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.



D8BA95



85C9DE



ECB0B3

Square

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



85C9DE



D2B5DD



E7B4A0



AAC7A1

Rectangle

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



85C9DE



ACBFEA



E7B4A0



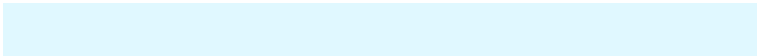
CABF94

Sweetspot

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



85C9DE



E0F8FF



85DE9A



6E7B80



000000



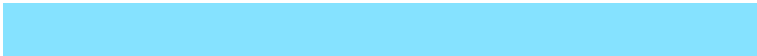
808080

Same Dimension

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



85C9DE



85E2FF



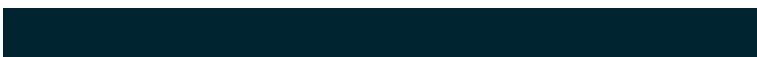
859DDE



656E70



0086B0



002530

Inverse Universe

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



DE85C9



FF85E2



DEC685



70656E



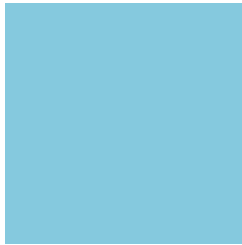
B00086



300025

Previews

White Background



This preview shows how the Hex color 85C9DE looks on a white background.

Color Contrast Check

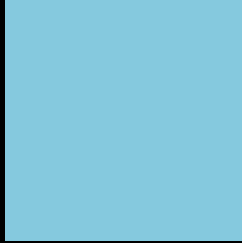
Large Text (above 18pt) WCAG AA × Fail

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 85C9DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

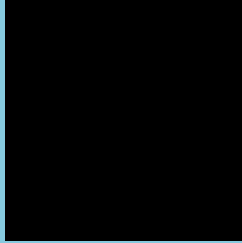
Any Text WCAG AA ✓ Pass

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 85C9DE Background



This preview shows how black text looks on a background with the Hex color 85C9DE.

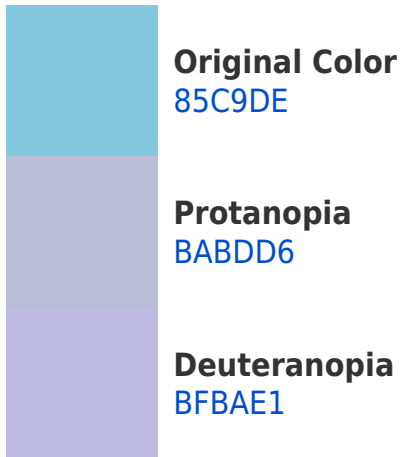


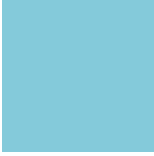
This preview shows how white text looks on a background with the Hex color 85C9DE.

Color Blindness Simulation

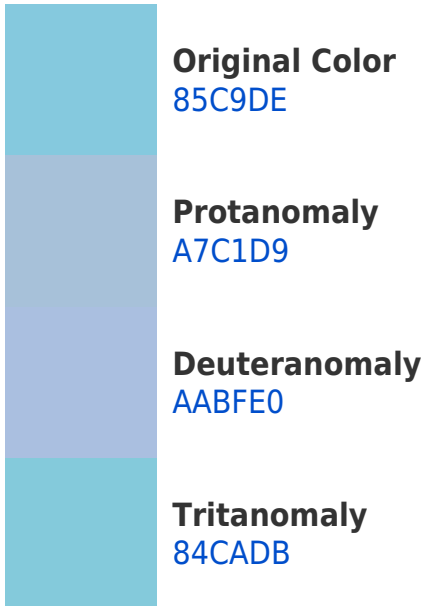
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

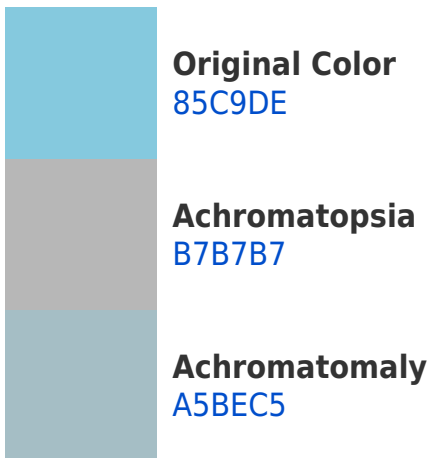




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85C9DE 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 #85C9DE looks like.

```
.text, #text, p{  
    color:#85C9DE  
}
```

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 #85C9DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85C9DE  
}
```

Border

The CSS property to change the border of an element to Hex 85C9DE 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  
#85C9DE }
```

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

```
.border{ border-color:#85C9DE }
```

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

Here you see how a box with a 4 pixel #85C9DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85C9DE; -webkit-box-shadow:4px 4px  
4px 4px #85C9DE; box-shadow:4px 4px 4px  
4px #85C9DE }
```

Background

The CSS property to change the background color of an element to Hex 85C9DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85C9DE }
```

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

```
.background{ background-color:#85C9DE }
```

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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