

Converting Colors

Hex(85CBEE)

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

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Color

Hex(85CBEE)

Conversions

Conversions Part 1

Format	Color
Hex	85CBEE
RGB	133, 203, 238
RGB Percent	52%, 80%, 93%
CMY	0.4784, 0.2039, 0.0667
CMYK	0.44, 0.15, 0.00, 0.07
HSL	200°, 76%, 73%
HSV	200°, 44%, 93%
XYZ	46.4614, 53.8715, 88.8384
YIQ	186.0600, -52.9550, -3.9550

Conversions

Conversions Part 2

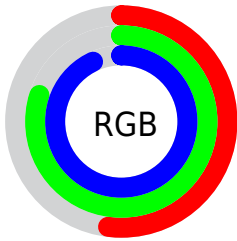
Format	Color
R_{YB}	133, 175, 238
Decimal	8768494
CIE _{Lab}	78.39, -12.97, -24.15
CIE _{LCh}	78, 27.412, 241.766
Yxy	53.8715, 0.2456, 0.2848
Android (android.graphics.Color)	4286958574 (0xFF85CBEE)
YUV	186.0600, 25.6064, -46.5336
Hunter-Lab	73.3972, -15.4521, -20.3853

Details

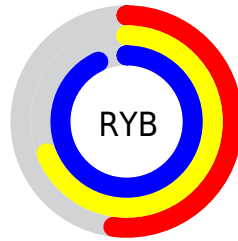
The Hex color **85CBEE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EEA885**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **BEFFFF**, and **4C95B6** is the 20% darker color. If you saturate the color by 10%, you get **6DC3EE**, and if you desaturate by 10%, it is **9DD3EE**.

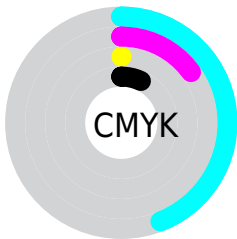
Distribution



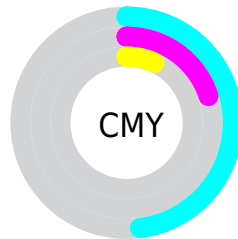
- Red (52%)
- Green (80%)
- Blue (93%)



- Red (52%)
- Yellow (69%)
- Blue (93%)



- Cyan (44%)
- Magenta (15%)
- Yellow (0%)
- Black (7%)



- Cyan (48%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 85CBEE

 85CBEE

FFFFFF

 69B0D2


 BEFFFF

 4C95B6

 DBFFFF

 2D7B9B

 F9FFFF

 006281

 004A68

 003450

 001F38

 000223

 00000A

85CBEE

85CBEE

6DC3EE

9DD3EE

55BBEE

B5DBEE

3EB3EE

CCE3EE

26ABEE

E4EBEE

0EA3EE

FCF3EE

009FEE

FFFBEE

FFFFEE

Harmonies

Analogous

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



77CFDC



85CBEE



A5C4F4

Triad

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



85CBEE



F4AFC1



B8C896

Complementary

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



85CBEE



EEA885

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.



D3C18F



85CBEE



F5B2A8

Square

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



85CBEE



E4B3DA



E9B896



9ACEA9

Rectangle

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



85CBEE



BDBEF1



E9B896



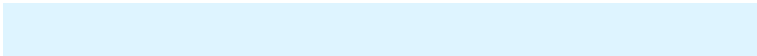
C1C692

Sweetspot

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



85CBEE



DEF4FF



85EEA8



6B7980



000000



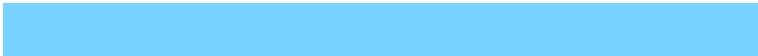
808080

Same Dimension

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



85CBEE



78D2FF



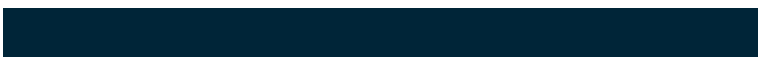
8597EE



6C7478



007AB8



002538

Inverse Universe

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



EE85CB



FF78D2



EEDC85



786C74



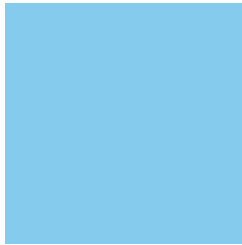
B8007A



380025

Previews

White Background



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

Color Contrast Check

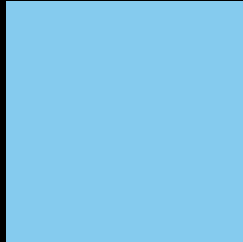
Large Text (above 18pt) WCAG AA × Fail

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 85CBEE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

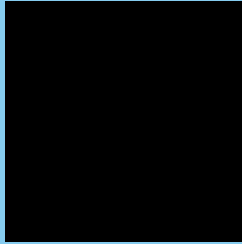
Any Text WCAG AA ✓ Pass

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 85CBEE Background



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



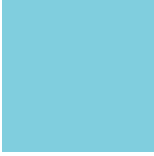
This preview shows how white text looks on a background with the Hex color 85CBEE.

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](#).

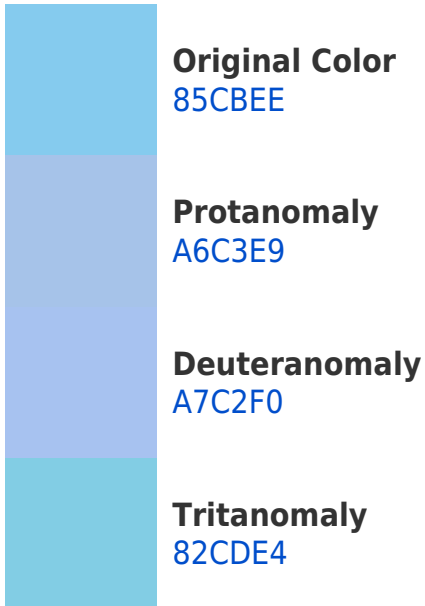
Dichromacy



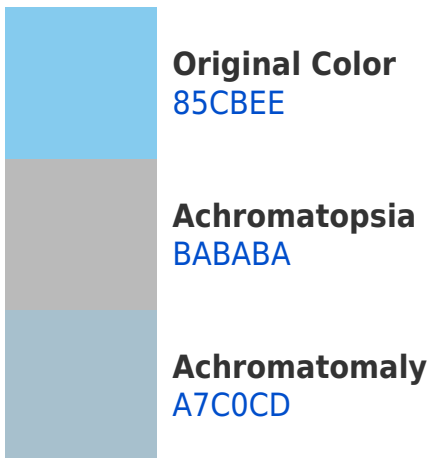


Tritanopia
80CEDE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #85CBEE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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