

Converting Colors

Hex(85FBEE)

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

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Color

Hex(85FBEE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 85FBEE |
| RGB | 133, 251, 238 |
| RGB Percent | 52%, 98%, 93% |
| CMY | 0.4784, 0.0157, 0.0667 |
| CMYK | 0.47, 0.00, 0.05, 0.02 |
| HSL | 173°, 94%, 75% |
| HSV | 173°, 47%, 98% |
| XYZ | 59.6027, 80.1540, 93.2188 |
| YIQ | 214.2360, -66.1550, -29.0590 |

Conversions

Conversions Part 2

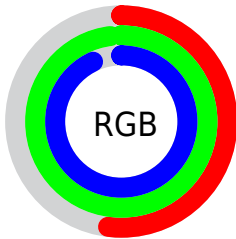
| Format | Color |
|-------------------------------------|---|
| RYB | 133, 195, 251 |
| Decimal | 8780782 |
| CIELab | 91.75, -36.49, -4.13 |
| CIELCh | 92, 36.720, 186.452 |
| Yxy | 80.1540, 0.2558, 0.3440 |
| Android (android.graphics.Color) | 4286970862 (0xFF85FBEE) |
| YUV | 214.2360, 11.7157, -71.2440 |
| Hunter-Lab | 89.5287, -37.8411, 0.9364 |

Details

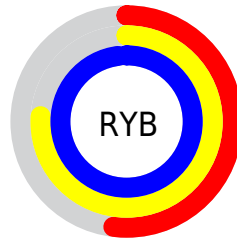
The Hex color **85FBEE** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FB8592**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **C0FFFF**, and **47C2B6** is the 20% darker color. If you saturate the color by 10%, you get **6CFBEB**, and if you desaturate by 10%, it is **9EFBF1**.

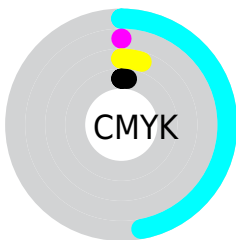
Distribution



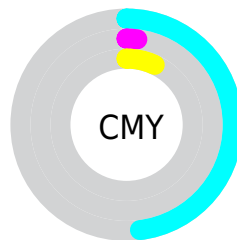
- Red (52%)
- Green (98%)
- Blue (93%)



- Red (52%)
- Yellow (76%)
- Blue (98%)



- Cyan (47%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)



- Cyan (48%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 85FBEE

FFFFFF

 C0FFFF

 DEFFFF

FDFFFF

 85FBEE

 67DED2

 47C2B6

 20A69B

 008C81

 007268

 005950

 004039

 002A24

 000D0F

 85FBEE

 85FBEE

 6CFBEB

 9EFBF1

 53FBE8

 B7FBF4

 3AFBE6

 D0FBF6

 21FBE3

 E9FBF9

 08FBE0

 FFFBFC

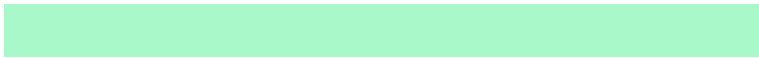
 00FBDF

 FFFBFF

Harmonies

Analogous

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



A9F8CA



85FBEE



78F9FF

Triad

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



85FBEE



F6DCFF



FFDCA8

Complementary

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



85FBEE



FB8592

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.



FFD1BF



85FBEE



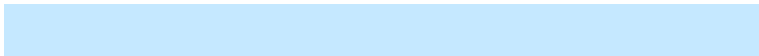
FFD1FF

Square

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



85FBEE



C5E8FF



FFCDE1



F9E8A1

Rectangle

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



85FBEE



86F5FF



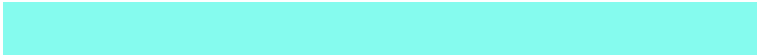
FFCDE1



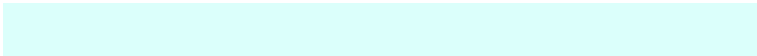
FFD8AE

Sweetspot

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



85FBEE



DBFFFB



93FB85



6A807D



000000



808080

Same Dimension

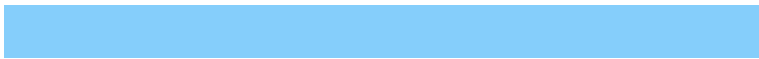
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85FBEE



70FFEF



85CEFB



707D7C



00BDA8



003D36

Inverse Universe

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



FB8592



FF7080



FBB285



7D7072



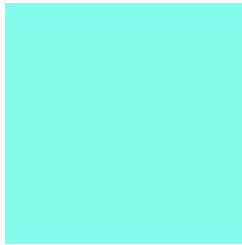
BD0015



3D0007

Previews

White Background



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

Color Contrast Check

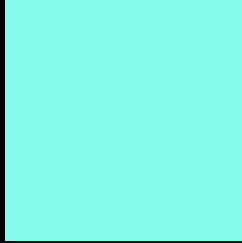
Large Text (above 18pt) WCAG AA × Fail

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 85FBEE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

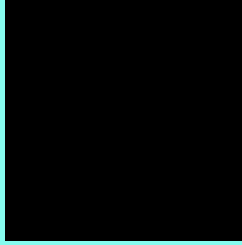
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

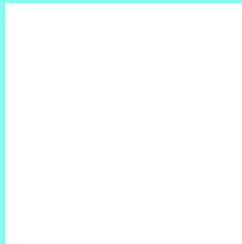
Any Text WCAG AAA ✓ Pass

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

Hex 85FBEE Background



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



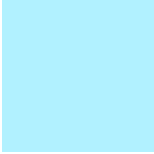
This preview shows how white text looks on a background with the Hex color 85FBEE.

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



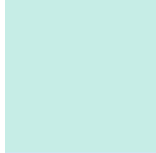


Tritanopia
B1F1FF

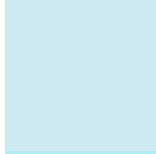
Trichromacy



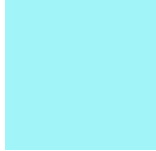
Original Color
85FBEE



Protanomaly
C6EDE6

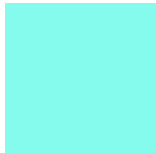


Deuteranomaly
CDE9F2

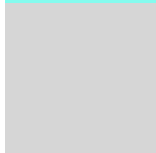


Tritanomaly
A1F5F9

Monochromacy



Original Color
85FBEE



Achromatopsia
D6D6D6



Achromatomaly
B9E3DF

CSS Examples

Text

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

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

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 #85FBEE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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