

Converting Colors

Hex(85E2BF)

Have a look what the booklet for
Hex(85E2BF) contains.

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Color

Hex(85E2BF)

Conversions

Conversions Part 1

Format	Color
Hex	85E2BF
RGB	133, 226, 191
RGB Percent	52%, 89%, 75%
CMY	0.4784, 0.1137, 0.2510
CMYK	0.41, 0.00, 0.15, 0.11
HSL	157°, 62%, 70%
HSV	157°, 41%, 89%
XYZ	46.2732, 63.1408, 59.0388
YIQ	194.2030, -44.1930, -30.6010

Conversions

Conversions Part 2

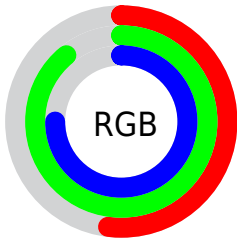
Format	Color
RYB	133, 190, 226
Decimal	8774335
CIELab	83.52, -35.61, 8.49
CIELCh	84, 36.610, 166.588
Yxy	63.1408, 0.2747, 0.3748
Android (android.graphics.Color)	4286964415 (0xFF85E2BF)
YUV	194.2030, -1.5791, -53.6750
Hunter-Lab	79.4612, -35.1100, 11.5711

Details

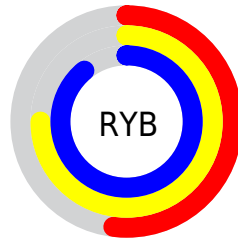
The Hex color **85E2BF** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E285A8**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **BEFFF7**, and **4DAA8A** is the 20% darker color. If you saturate the color by 10%, you get **6EE2B6**, and if you desaturate by 10%, it is **9CE2C8**.

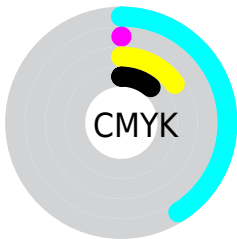
Distribution



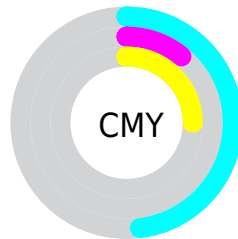
- Red (52%)
- Green (89%)
- Blue (75%)



- Red (52%)
- Yellow (75%)
- Blue (89%)



- Cyan (41%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (48%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85E2BF 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 85E2BF by changing the saturation by 10% instead.

 85E2BF

FFFFFF

 BEFFF7

 DBFFFF

 F8FFFF

 85E2BF

 69C6A4

 4DAA8A

 2F8F70

 057558

 005C40

 00442A

 002D16

 001500

 000000

 85E2BF

 85E2BF

 6EE2B6

 9CE2C8

 58E2AE

 B2E2D0

 41E2A5

 C9E2D9

 2BE29D

 DFE2E1

 14E294

 F6E2EA

 00E28D

 FFE2F2

 FFE2FB

 FFE2FF

Harmonies

Analogous

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



AEDDA0



85E2BF



63E3E3

Triad

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



85E2BF



BFCDFE



FFBDA0

Complementary

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



85E2BF



E285A8

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.



FFB7BE



85E2BF



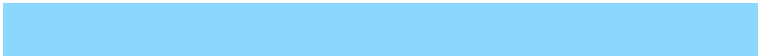
ECC1FF

Square

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



85E2BF



8BD8FF



FFB8E1



F6C98D

Rectangle

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



85E2BF



5DE1F8



FFB8E1



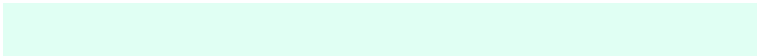
FFBBA9

Sweetspot

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



85E2BF



E0FFF3



A9E285



6E8079



000000



808080

Same Dimension

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



85E2BF



82FFD0



85D7E2



65706C



00B06E



00301E

Inverse Universe

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



E285A8



FF82B1



E29085



706569



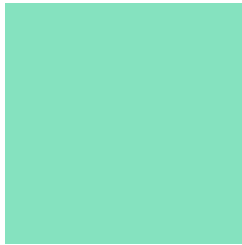
B00042



300012

Previews

White Background



This preview shows how the Hex color 85E2BF 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

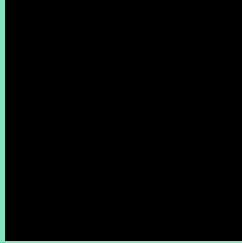
Any Text WCAG AA ✓ Pass

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 85E2BF Background



This preview shows how black text looks on a background with the Hex color 85E2BF.

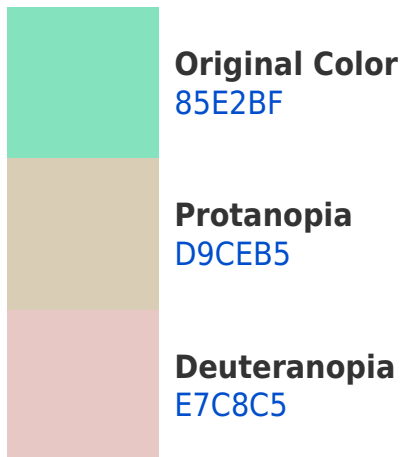


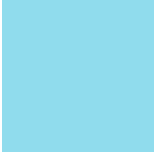
This preview shows how white text looks on a background with the Hex color 85E2BF.

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
90DCED

Trichromacy



Original Color
85E2BF



Protanomaly
BAD5B9



Deuteranomaly
C3D1C3

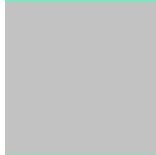


Tritanomaly
8CDEDC

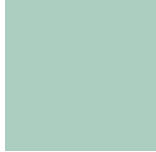
Monochromacy



Original Color
85E2BF



Achromatopsia
C2C2C2



Achromatomaly
ACCEC1

CSS Examples

Text

The CSS property to change the color of the text to Hex 85E2BF 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 #85E2BF looks like.

```
.text, #text, p{  
    color:#85E2BF  
}
```

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 #85E2BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85E2BF  
}
```

Border

The CSS property to change the border of an element to Hex 85E2BF 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  
#85E2BF }
```

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

```
.border{ border-color:#85E2BF }
```

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

Here you see how a box with a 4 pixel #85E2BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85E2BF; -webkit-box-shadow:4px 4px  
4px 4px #85E2BF; box-shadow:4px 4px 4px  
4px #85E2BF }
```

Background

The CSS property to change the background color of an element to Hex 85E2BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85E2BF }
```

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

```
.background{ background-color:#85E2BF }
```

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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