

Converting Colors

Hex(84ECC8)

Have a look what the booklet for
Hex(84ECC8) contains.

Hex(84ECC8)	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(84ECC8)

Conversions

Conversions Part 1

Format	Color
Hex	84ECC8
RGB	132, 236, 200
RGB Percent	52%, 93%, 78%
CMY	0.4824, 0.0745, 0.2157
CMYK	0.44, 0.00, 0.15, 0.07
HSL	159°, 73%, 72%
HSV	159°, 44%, 93%
XYZ	49.9365, 69.0666, 65.3428
YIQ	200.8000, -50.4280, -33.2440

Conversions

Conversions Part 2

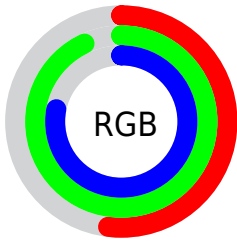
Format	Color
RYB	132, 195, 236
Decimal	8711368
CIELab	86.54, -38.51, 8.09
CIELCh	87, 39.354, 168.137
Yxy	69.0666, 0.2709, 0.3747
Android (android.graphics.Color)	4286901448 (0xFF84ECC8)
YUV	200.8000, -0.3944, -60.3376
Hunter-Lab	83.1063, -38.1798, 11.5573

Details

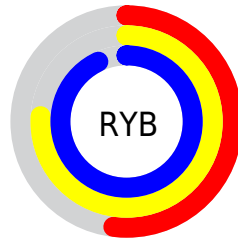
The Hex color **84ECC8** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EC84A8**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **BDFFFF**, and **4AB492** is the 20% darker color. If you saturate the color by 10%, you get **6CECC0**, and if you desaturate by 10%, it is **9CECD0**.

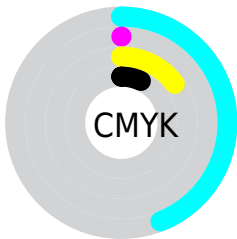
Distribution



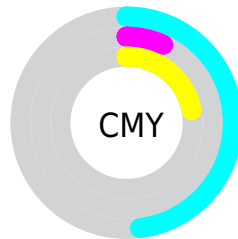
- Red (52%)
- Green (93%)
- Blue (78%)



- Red (52%)
- Yellow (76%)
- Blue (93%)



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



- Cyan (48%)
- Magenta (7%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84ECC8 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 84ECC8 by changing the saturation by 10% instead.

 84ECC8

 84ECC8

FFFFFF

 67CFAD

 BDFFFF

 4AB492

 DBFFFF

 2A9878

 F8FFFF

 007E60

 006448

 004C31

 00341C

 001F03

 000000

 84ECC8

 84ECC8

 6CECC0

 9CECD0

 55ECB8

 B3ECD8

 3DECAF

 CBECE1

 26ECA7

 E2ECE9

 0EEC9F

 FAECF1

 00EC9A

 FFECF9

 FFECFF

Harmonies

Analogous

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



B1E7A6



84ECC8



5EEDEE

Triad

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



84ECC8



C8D4FF



FFC5A3

Complementary

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



84ECC8



EC84A8

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.



FFBDC3



84ECC8



F9C7FF

Square

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



84ECC8



8FE1FF



FFBEE9



FFD190

Rectangle

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



84ECC8



58EBFF



FFBEE9



FFC1AC

Sweetspot

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



84ECC8



DEFFF4



A8EC84



6B8078



000000



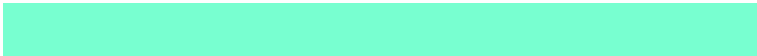
808080

Same Dimension

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



84ECC8



78FFD0



84DCEC



6A7571



00B576



003623

Inverse Universe

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



EC84A8



FF78A7



EC9484



756A6E



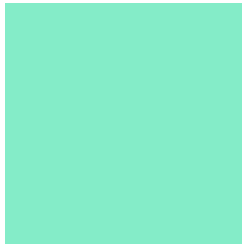
B5003F



360013

Previews

White Background



This preview shows how the Hex color 84ECC8 looks on a white background.

Color Contrast Check

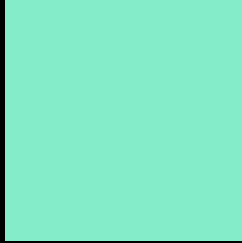
Large Text (above 18pt) WCAG AA × Fail

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 84ECC8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

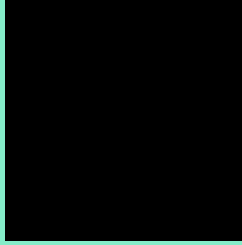
Any Text WCAG AA ✓ Pass

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 84ECC8 Background



This preview shows how black text looks on a background with the Hex color 84ECC8.



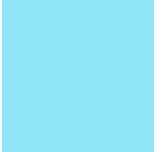
This preview shows how white text looks on a background with the Hex color 84ECC8.

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



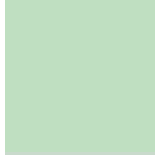


Tritanopia
91E5F8

Trichromacy



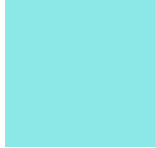
Original Color
84ECC8



Protanomaly
BFDFC1



Deuteranomaly
C9DACC

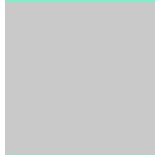


Tritanomaly
8CE8E7

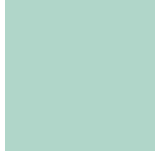
Monochromacy



Original Color
84ECC8



Achromatopsia
C9C9C9



Achromatomaly
B0D6C9

CSS Examples

Text

The CSS property to change the color of the text to Hex 84ECC8 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 #84ECC8 looks like.

```
.text, #text, p{  
    color:#84ECC8  
}
```

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 #84ECC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84ECC8
}
```

Border

The CSS property to change the border of an element to Hex 84ECC8 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
#84ECC8 }
```

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

```
.border{ border-color:#84ECC8 }
```

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

Here you see how a box with a 4 pixel #84ECC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84ECC8; -webkit-box-shadow:4px 4px  
4px 4px #84ECC8; box-shadow:4px 4px 4px  
4px #84ECC8 }
```

Background

The CSS property to change the background color of an element to Hex 84ECC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84ECC8 }
```

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

```
.background{ background-color:#84ECC8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor