

Converting Colors

Hex(84C1D3)

Have a look what the booklet for
Hex(84C1D3) contains.

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Color

Hex(84C1D3)

Conversions

Conversions Part 1

Format	Color
Hex	84C1D3
RGB	132, 193, 211
RGB Percent	52%, 76%, 83%
CMY	0.4824, 0.2431, 0.1725
CMYK	0.37, 0.09, 0.00, 0.17
HSL	194°, 47%, 67%
HSV	194°, 37%, 83%
XYZ	40.3436, 47.7486, 68.7181
YIQ	176.8130, -42.1340, -7.3340

Conversions

Conversions Part 2

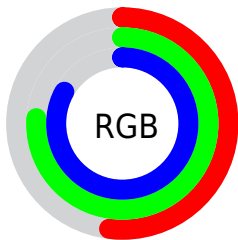
Format	Color
R _{YB}	132, 166, 211
Decimal	8700371
CIE Lab	74.67, -15.04, -15.23
CIE LCh	75, 21.405, 225.369
Yxy	47.7486, 0.2573, 0.3045
Android (android.graphics.Color)	4286890451 (0xFF84C1D3)
YUV	176.8130, 16.8542, -39.3010
Hunter-Lab	69.1004, -16.7102, -10.5917

Details

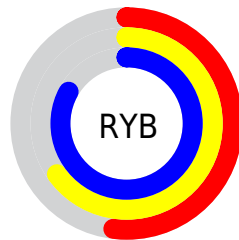
The Hex color **84C1D3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D39684**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **BCFAFF**, and **4E8B9C** is the 20% darker color. If you saturate the color by 10%, you get **6FBCD3**, and if you desaturate by 10%, it is **99C6D3**.

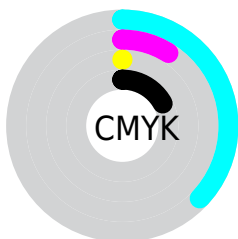
Distribution



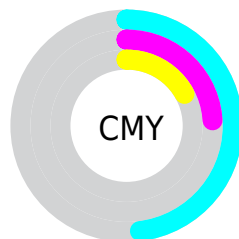
- Red (52%)
- Green (76%)
- Blue (83%)



- Red (52%)
- Yellow (65%)
- Blue (83%)



- Cyan (37%)
- Magenta (9%)
- Yellow (0%)
- Black (17%)



- Cyan (48%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84C1D3 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 84C1D3 by changing the saturation by 10% instead.

 84C1D3

 84C1D3

FFFFFF

 69A6B7

 BCFAFF

 4E8B9C

 D8FFFF

 327282

 F6FFFF

 125969

 004251

 002B3A

 001824

 00010E

 000000

84C1D3

84C1D3

6FBCD3

99C6D3

5AB7D3

AECBD3

45B3D3

C3CFD3

30AED3

D8D4D3

1BA9D3

EDD9D3

05A4D3

FFDED3

00A3D3

FFE3D3

FFE7D3

FFECD3

Harmonies

Analogous

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



83C3C1



84C1D3



95BCDD

Triad

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



84C1D3



D9ABC2



BCBA92

Complementary

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



84C1D3



D39684

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.



D0B392



84C1D3



E1AAAE

Square

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



84C1D3



C7AFD3



DDAD9D



A6BF9C

Rectangle

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



84C1D3



A6B8DF



DDAD9D



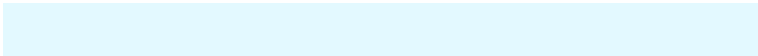
C3B891

Sweetspot

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



84C1D3



E3F9FF



84D395



6F7C80



000000



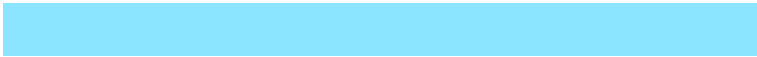
808080

Same Dimension

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



84C1D3



8CE5FF



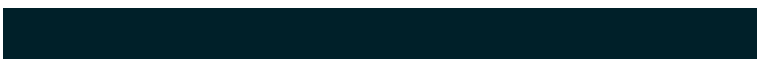
849AD3



5E6669



0082A8



002029

Inverse Universe

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



D384C1



FF8CE5



D3BD84



695E66



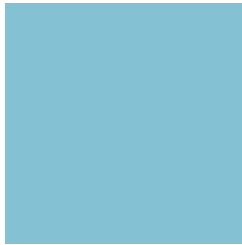
A80082



290020

Previews

White Background



This preview shows how the Hex color 84C1D3 looks on a white background.

Color Contrast Check

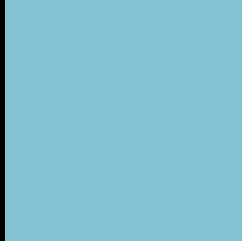
Large Text (above 18pt) WCAG AA × Fail

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 84C1D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

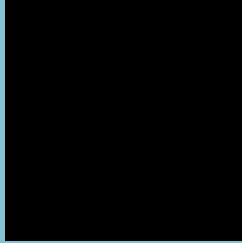
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

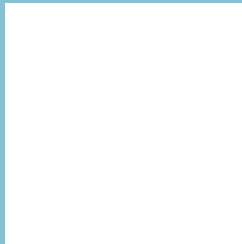
Any Text WCAG AAA ✓ Pass

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

Hex 84C1D3 Background



This preview shows how black text looks on a background with the Hex color 84C1D3.

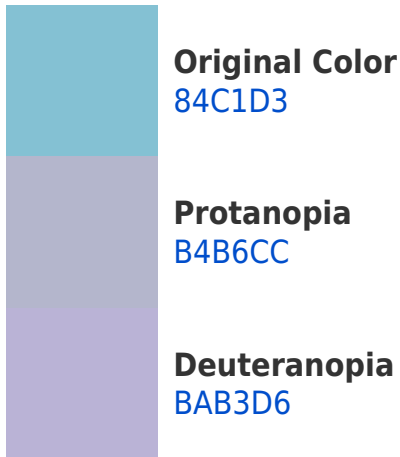


This preview shows how white text looks on a background with the Hex color 84C1D3.

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



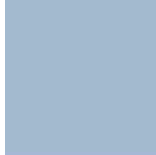


Tritanopia
83C1D1

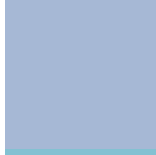
Trichromacy



Original Color
84C1D3



Protanomaly
A3BACF



Deuteranomaly
A6B8D5

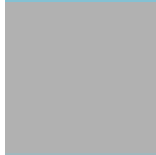


Tritanomaly
83C1D2

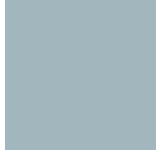
Monochromacy



Original Color
84C1D3



Achromatopsia
B1B1B1



Achromatomaly
A1B7BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 84C1D3 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 #84C1D3 looks like.

```
.text, #text, p{  
    color:#84C1D3  
}
```

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 #84C1D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84C1D3
}
```

Border

The CSS property to change the border of an element to Hex 84C1D3 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
#84C1D3 }
```

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

```
.border{ border-color:#84C1D3 }
```

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

Here you see how a box with a 4 pixel #84C1D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84C1D3; -webkit-box-shadow:4px 4px  
4px 4px #84C1D3; box-shadow:4px 4px 4px  
4px #84C1D3 }
```

Background

The CSS property to change the background color of an element to Hex 84C1D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84C1D3 }
```

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

```
.background{ background-color:#84C1D3 }
```

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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