

Converting Colors

Hex(85C6D1)

Have a look what the booklet for
Hex(85C6D1) contains.

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Color

Hex(85C6D1)

Conversions

Conversions Part 1

Format	Color
Hex	85C6D1
RGB	133, 198, 209
RGB Percent	52%, 78%, 82%
CMY	0.4784, 0.2235, 0.1804
CMYK	0.36, 0.05, 0.00, 0.18
HSL	189°, 45%, 67%
HSV	189°, 36%, 82%
XYZ	41.3756, 49.9782, 67.7876
YIQ	179.8190, -42.2710, -10.3590

Conversions

Conversions Part 2

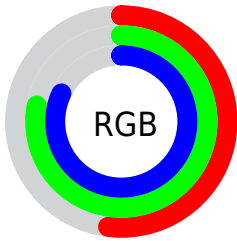
Format	Color
RYB	133, 168, 209
Decimal	8767185
CIELab	76.06, -17.85, -12.06
CIELCh	76, 21.543, 214.040
Yxy	49.9782, 0.2600, 0.3140
Android (android.graphics.Color)	4286957265 (0xFF85C6D1)
YUV	179.8190, 14.3862, -41.0603
Hunter-Lab	70.6952, -19.2465, -7.3648

Details

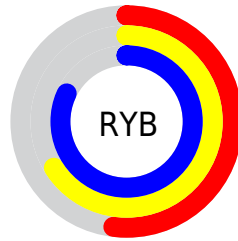
The Hex color **85C6D1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D19085**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **BDFFFF**, and **4F909B** is the 20% darker color. If you saturate the color by 10%, you get **70C3D1**, and if you desaturate by 10%, it is **9AC9D1**.

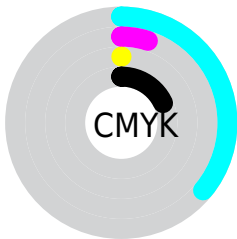
Distribution



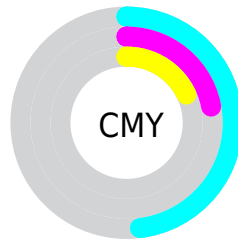
- Red (52%)
- Green (78%)
- Blue (82%)



- Red (52%)
- Yellow (66%)
- Blue (82%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (48%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85C6D1 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 85C6D1 by changing the saturation by 10% instead.

 85C6D1

 85C6D1

FFFFFF

 6AABB5

 BDFFFF

 4F909B

 D9FFFF

 337681

 F7FFFF

 135D68

 00464F

 002F39

 001C23

 00010D

 000000

■ 85C6D1

■ 85C6D1

■ 70C3D1

■ 9AC9D1

■ 5BC0D1

■ AFCCD1

■ 46BDD1

■ C4CFD1

■ 31BAD1

■ D9D2D1

■ 1CB7D1

■ EED5D1

■ 08B4D1

■ FFD8D1

■ 00B3D1

■ FFDBD1

■ FFDED1

■ FFE1D1

Harmonies

Analogous

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



8AC7BE



85C6D1



90C2DF

Triad

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



85C6D1



D8B0CD



C8BB94

Complementary

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



85C6D1



D19085

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.



DAB498



85C6D1



E3ADB9

Square

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



85C6D1



C2B6DC



E4AFA6



B2C19A

Rectangle

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



85C6D1



9FBFE3



E4AFA6



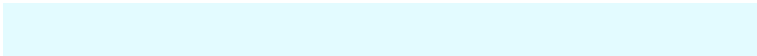
CFB994

Sweetspot

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



85C6D1



E3FBFF



85D18F



6F7D80



000000



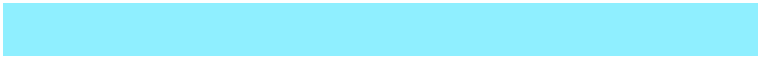
808080

Same Dimension

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



85C6D1



8FEFFF



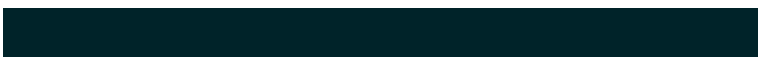
85A1D1



5E6769



0090A8



002329

Inverse Universe

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



D185C6



FF8FEF



D1B585



695E67



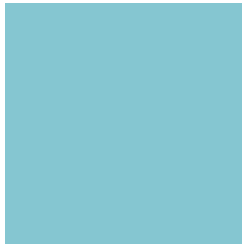
A80090



290023

Previews

White Background



This preview shows how the Hex color 85C6D1 looks on a white background.

Color Contrast Check

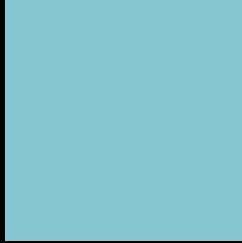
Large Text (above 18pt) WCAG AA × Fail

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 85C6D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

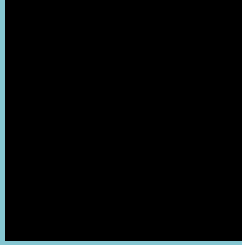
Any Text WCAG AA ✓ Pass

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 85C6D1 Background



This preview shows how black text looks on a background with the Hex color 85C6D1.



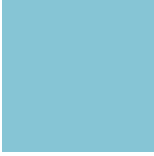
This preview shows how white text looks on a background with the Hex color 85C6D1.

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](#).

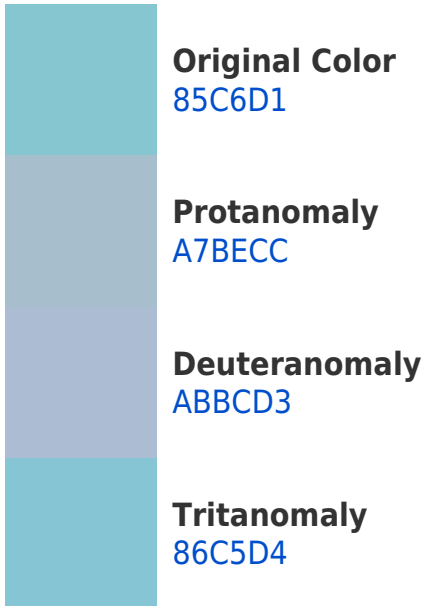
Dichromacy





Tritanopia
86C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85C6D1 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 #85C6D1 looks like.

```
.text, #text, p{  
    color:#85C6D1  
}
```

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 #85C6D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85C6D1
}
```

Border

The CSS property to change the border of an element to Hex 85C6D1 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
#85C6D1 }
```

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

```
.border{ border-color:#85C6D1 }
```

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

Here you see how a box with a 4 pixel #85C6D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85C6D1; -webkit-box-shadow:4px 4px  
4px 4px #85C6D1; box-shadow:4px 4px 4px  
4px #85C6D1 }
```

Background

The CSS property to change the background color of an element to Hex 85C6D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85C6D1 }
```

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

```
.background{ background-color:#85C6D1 }
```

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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