

Converting Colors

Hex(85BCCB)

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

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Color

Hex(85BCCB)

Conversions

Conversions Part 1

Format	Color
Hex	85BCCB
RGB	133, 188, 203
RGB Percent	52%, 74%, 80%
CMY	0.4784, 0.2627, 0.2039
CMYK	0.34, 0.07, 0.00, 0.20
HSL	193°, 40%, 66%
HSV	193°, 34%, 80%
XYZ	38.4356, 45.2648, 63.2111
YIQ	173.2650, -37.5950, -6.9950

Conversions

Conversions Part 2

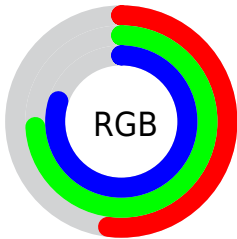
Format	Color
RYB	133, 164, 203
Decimal	8764619
CIELab	73.07, -14.16, -13.28
CIElCh	73, 19.414, 223.165
Yxy	45.2648, 0.2616, 0.3081
Android (android.graphics.Color)	4286954699 (0xFF85BCCB)
YUV	173.2650, 14.6594, -35.3124
Hunter-Lab	67.2791, -15.7640, -8.6097

Details

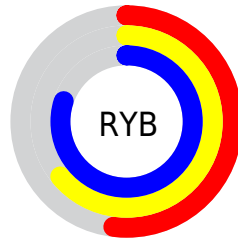
The Hex color **85BCCB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CB9485**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **BCF4FF**, and **508795** is the 20% darker color. If you saturate the color by 10%, you get **71B8CB**, and if you desaturate by 10%, it is **99C0CB**.

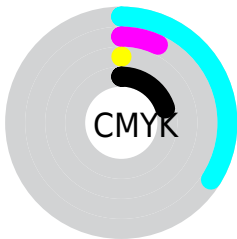
Distribution



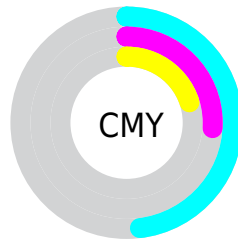
- Red (52%)
- Green (74%)
- Blue (80%)



- Red (52%)
- Yellow (64%)
- Blue (80%)



- Cyan (34%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (48%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 85BCCB

 85BCCB

FFFFFF

 6AA1B0

 BCF4FF

 508795

 D9FFFF

 356D7B

 F6FFFF

 185562

 003E4A

 002834

 00141F

 000003

 000000

85BCCB

85BCCB

71B8CB

99C0CB

5CB3CB

AEC5CB

48AFCB

C2C9CB

34ABCB

D6CDCB

20A6CB

EBD2CB

0BA2CB

FFD6CB

00A0CB

FFDACB

FFDFCB

FFE3CB

Harmonies

Analogous

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



85BEBB



85BCCB



93B8D5

Triad

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



85BCCB



D1A8BE



B9B591

Complementary

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



85BCCB



CB9485

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.



CAAF92



85BCCB



D8A7AC

Square

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



85BCCB



C0ACCD



D6AA9C



A5BA99

Rectangle

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



85BCCB



A2B4D7



D6AA9C



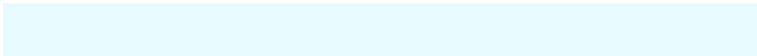
BFB390

Sweetspot

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



85BCCB



E6FAFF



85CB93



707C80



000000



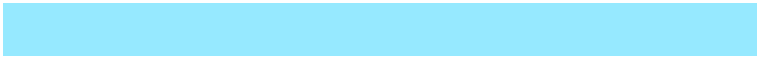
808080

Same Dimension

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



85BCCB



96E9FF



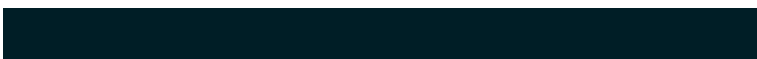
859ACB



5C6466



0082A6



001E26

Inverse Universe

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



CB85BC



FF96E9



CBB685



665C64



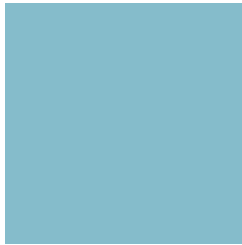
A60082



26001E

Previews

White Background



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

Color Contrast Check

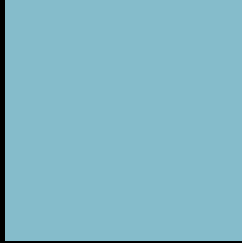
Large Text (above 18pt) WCAG AA × Fail

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 85BCCB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

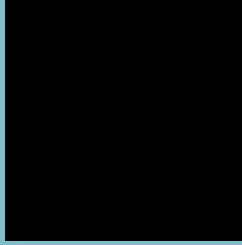
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

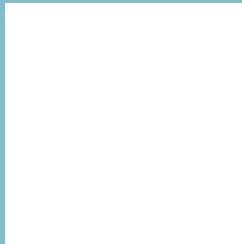
Any Text WCAG AAA ✓ Pass

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

Hex 85BCCB Background



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



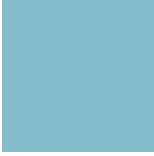
This preview shows how white text looks on a background with the Hex color 85BCCB.

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](#).

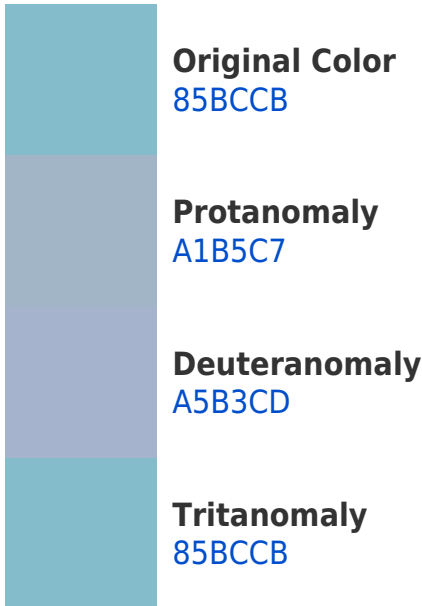
Dichromacy



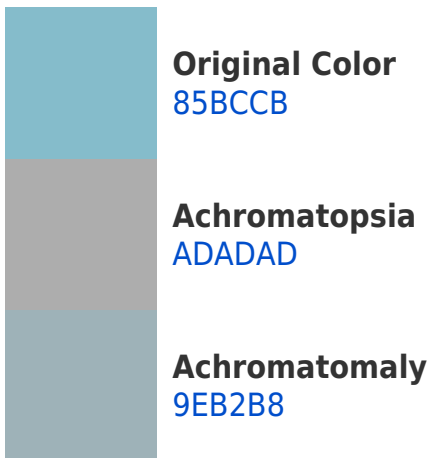


Tritanopia
85BCCB

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #85BCCB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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