

Converting Colors

Hex(79BEC9)

Have a look what the booklet for
Hex(79BEC9) contains.

Hex(79BEC9)	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(79BEC9)

Conversions

Conversions Part 1

Format	Color
Hex	79BEC9
RGB	121, 190, 201
RGB Percent	47%, 75%, 79%
CMY	0.5255, 0.2549, 0.2118
CMYK	0.40, 0.05, 0.00, 0.21
HSL	188°, 43%, 63%
HSV	188°, 40%, 79%
XYZ	36.8412, 45.1089, 62.0235
YIQ	170.6230, -44.6550, -11.2070

Conversions

Conversions Part 2

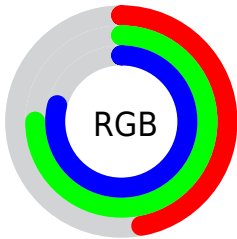
Format	Color
RYB	121, 158, 201
Decimal	7978697
CIELab	72.96, -18.90, -12.41
CIElCh	73, 22.611, 213.275
Yxy	45.1089, 0.2559, 0.3133
Android (android.graphics.Color)	4286168777 (0xFF79BEC9)
YUV	170.6230, 14.9759, -43.5194
Hunter-Lab	67.1632, -19.6224, -7.7386

Details

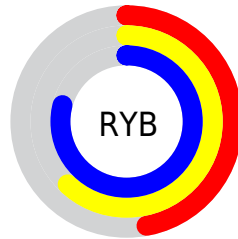
The Hex color **79BEC9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C98479**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **B1F6FF**, and **428893** is the 20% darker color. If you saturate the color by 10%, you get **65BBC9**, and if you desaturate by 10%, it is **8DC1C9**.

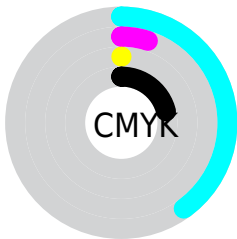
Distribution



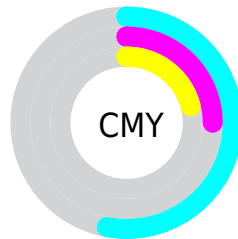
- Red (47%)
- Green (75%)
- Blue (79%)



- Red (47%)
- Yellow (62%)
- Blue (79%)



- Cyan (40%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)



- Cyan (53%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79BEC9 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 79BEC9 by changing the saturation by 10% instead.

 79BEC9

 79BEC9

FFFFFF

 5EA3AE

 B1F6FF

 428893

 CDFFFF

 256F79

 EAFFFF

 005661

 003F49

 002932

 00131D

 000001

 000000

 79BEC9

 79BEC9

 65BBC9

 8DC1C9

 51B8C9

 A1C4C9

 3DB6C9

 B5C6C9

 29B3C9

 C9C9C9

 15B0C9

 DECCC9

 00ADC9

 F2CFC9

 FFD1C9

 FFD4C9

 FFD7C9

Harmonies

Analogous

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



7FBFB5



79BEC9



85BAD7

Triad

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



79BEC9



D0A7C6



C0B28A

Complementary

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



79BEC9



C98479

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.



D3AC8F



79BEC9



DCA4B2

Square

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



79BEC9



BAADD6



DDA69D



AAB990

Rectangle

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



79BEC9



95B6DC



DDA69D



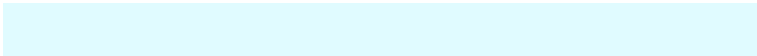
C7B08A

Sweetspot

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



79BEC9



E0FBFF



79C984



6E7D80



000000



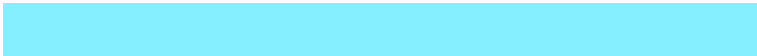
808080

Same Dimension

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



79BEC9



85EEFF



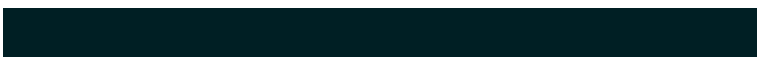
7996C9



5A6263



008DA3



001F24

Inverse Universe

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



C979BE



FF85EE



C9AC79



635A62



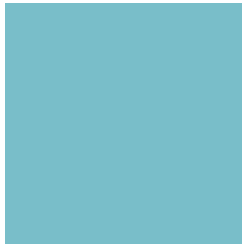
A3008D



24001F

Previews

White Background



This preview shows how the Hex color 79BEC9 looks on a white background.

Color Contrast Check

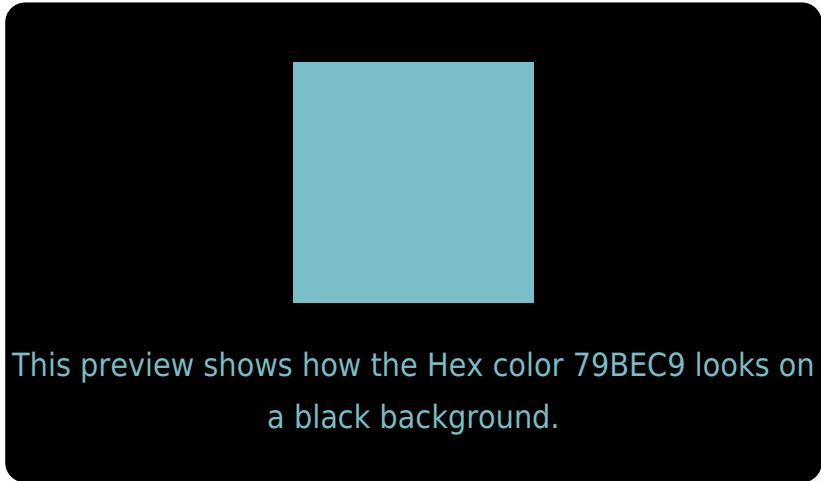
Large Text (above 18pt) WCAG AA × Fail

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

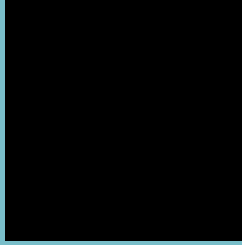
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

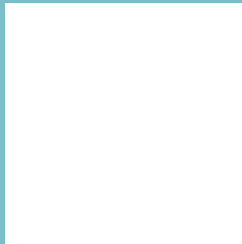
Any Text WCAG AAA ✓ Pass

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

Hex 79BEC9 Background



This preview shows how black text looks on a background with the Hex color 79BEC9.



This preview shows how white text looks on a background with the Hex color 79BEC9.

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 79BEC9 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 #79BEC9 looks like.

```
.text, #text, p{  
    color:#79BEC9  
}
```

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 #79BEC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79BEC9
}
```

Border

The CSS property to change the border of an element to Hex 79BEC9 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
#79BEC9 }
```

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

```
.border{ border-color:#79BEC9 }
```

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

Here you see how a box with a 4 pixel #79BEC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79BEC9; -webkit-box-shadow:4px 4px  
4px 4px #79BEC9; box-shadow:4px 4px 4px  
4px #79BEC9 }
```

Background

The CSS property to change the background color of an element to Hex 79BEC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79BEC9 }
```

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

```
.background{ background-color:#79BEC9 }
```

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