

Converting Colors

Hex(71ECBB)

Have a look what the booklet for
Hex(71ECBB) contains.

Hex(71ECBB)	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(71ECBB)

Conversions

Conversions Part 1

Format	Color
Hex	71ECBB
RGB	113, 236, 187
RGB Percent	44%, 93%, 73%
CMY	0.5569, 0.0745, 0.2667
CMYK	0.52, 0.00, 0.21, 0.07
HSL	156°, 76%, 68%
HSV	156°, 52%, 93%
XYZ	45.7751, 67.0895, 57.5507
YIQ	193.6370, -57.5790, -41.3150

Conversions

Conversions Part 2

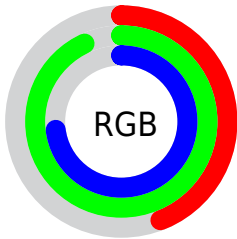
Format	Color
RYB	113, 190, 236
Decimal	7466171
CIELab	85.55, -45.79, 13.38
CIELCh	86, 47.703, 163.713
Yxy	67.0895, 0.2686, 0.3937
Android (android.graphics.Color)	4285656251 (0xFF71ECBB)
YUV	193.6370, -3.2720, -70.7186
Hunter-Lab	81.9082, -43.5829, 15.6771

Details

The Hex color **71ECBB** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **EC71A2**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **ACFFF3**, and **31B386** is the 20% darker color. If you saturate the color by 10%, you get **59ECB2**, and if you desaturate by 10%, it is **89ECC4**.

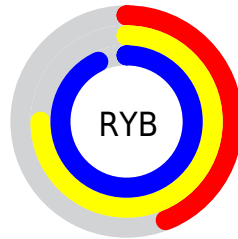
Distribution



Red (44%)

Green (93%)

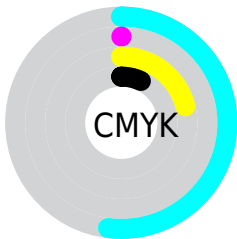
Blue (73%)



Red (44%)

Yellow (75%)

Blue (93%)

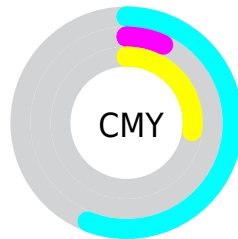


Cyan (52%)

Magenta (0%)

Yellow (21%)

Black (7%)



Cyan (56%)

Magenta (7%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71ECBB 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 71ECBB by changing the saturation by 10% instead.

 71ECBB

 71ECBB

FFFFFF

 53CFA0

 ACFFF3

 31B386

 CAFFFF

 00986C

 E7FFFF

 007D54

 00643D

 004B27

 003312

 001C00

 000000

 71ECBB

 71ECBB

 59ECB2

 89ECC4

 42ECA8

 A0ECCE

 2AEC9F

 B8ECD7

 13EC95

 CFCEC1

 00EC8E

 E7ECEA

 FFEFCF3

 FFECFD

 FFECHF

Harmonies

Analogous

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



ACE593



71ECBB



13EEEA

Triad

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



71ECBB



B5D3FF



FFBB99

Complementary

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



71ECBB



EC71A2

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.



FFB2C3



71ECBB



F5C2FF

Square

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



71ECBB



61E1FF



FFB5F0



FFCB7F

Rectangle

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



71ECBB



00ECFF



FFB5F0



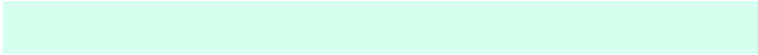
FFB7A6

Sweetspot

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



71ECBB



D6FFEF



A2EC71



678076



000000



808080

Same Dimension

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



71ECBB



5EFFBF



71E0EC



6A7571



00B56D



003620

Inverse Universe

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



EC71A2



FF5E9E



EC7D71



756A6E



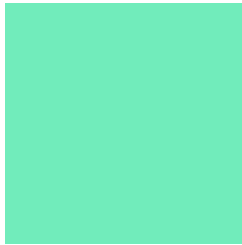
B50048



360015

Previews

White Background



This preview shows how the Hex color 71ECBB looks on a white background.

Color Contrast Check

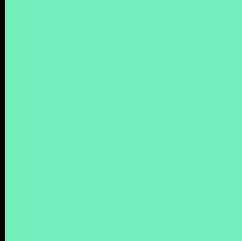
Large Text (above 18pt) WCAG AA × Fail

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 71ECBB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

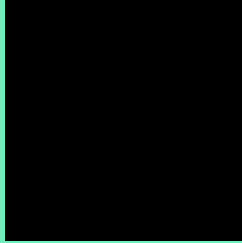
Any Text WCAG AA ✓ Pass

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 71ECBB Background



This preview shows how black text looks on a background with the Hex color 71ECBB.

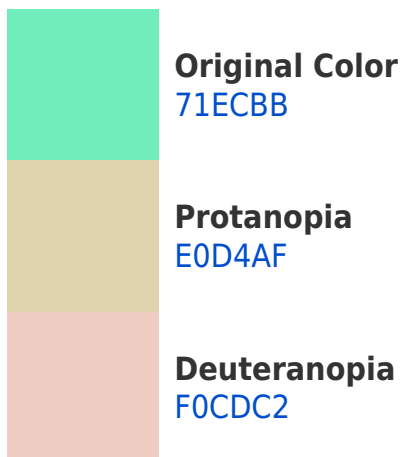


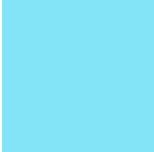
This preview shows how white text looks on a background with the Hex color 71ECBB.

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
82E4F6

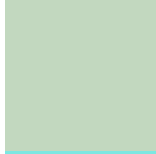
Trichromacy



Original Color
71ECBB



Protanomaly
B8DDB3



Deuteranomaly
C2D8BF

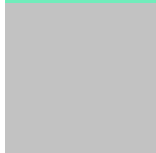


Tritanomaly
7CE7E1

Monochromacy



Original Color
71ECBB



Achromatopsia
C2C2C2



Achromatomaly
A5D1BF

CSS Examples

Text

The CSS property to change the color of the text to Hex 71ECBB 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 #71ECBB looks like.

```
.text, #text, p{  
    color:#71ECBB  
}
```

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 #71ECBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71ECBB
}
```

Border

The CSS property to change the border of an element to Hex 71ECBB 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
#71ECBB }
```

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

```
.border{ border-color:#71ECBB }
```

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

Here you see how a box with a 4 pixel #71ECBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71ECBB; -webkit-box-shadow:4px 4px  
4px 4px #71ECBB; box-shadow:4px 4px 4px  
4px #71ECBB }
```

Background

The CSS property to change the background color of an element to Hex 71ECBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71ECBB }
```

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

```
.background{ background-color:#71ECBB }
```

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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