

Converting Colors

CIELCh(73, 53.899, 341.289)

Have a look what the booklet for
CIELCh(73, 53.899, 341.289)
contains.

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Color

CIELCh(73, 53.836, 341.300)

Conversions

Conversions Part 1

Format	Color
Hex	FE8ED4
RGB	254, 142, 212
RGB Percent	100%, 56%, 83%
CMY	0.0040, 0.4432, 0.1687
CMYK	0.00, 0.44, 0.17, 0.00
HSL	323°, 98%, 78%
HSV	323°, 44%, 100%
XYZ	62.4226, 45.1644, 67.7077
YIQ	183.4680, 44.2820, 45.5140

Conversions

Conversions Part 2

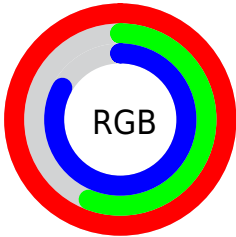
Format	Color
RYB	254, 142, 212
Decimal	16682708
CIELab	73.00, 50.99, -17.26
CIELCh	73, 53.836, 341.300
Yxy	45.1644, 0.3561, 0.2576
Android (android.graphics.Color)	4294872788 (0xFFFE8ED4)
YUV	183.4680, 14.0663, 61.8566
Hunter-Lab	67.2044, 48.1912, -12.6908

Details

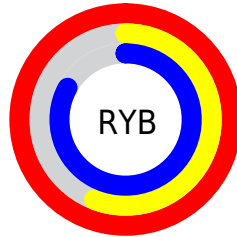
The CIELCh color **73, 53.836, 341.300** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 52.691, 153.261**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 35.751, 325.667**, and **53, 53.665, 341.387** is the 20% darker color. If you saturate the color by 10%, you get **68, 64.761, 342.447**, and if you desaturate by 10%, it is **79, 41.977, 340.287**.

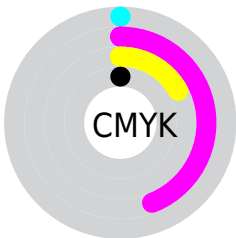
Distribution



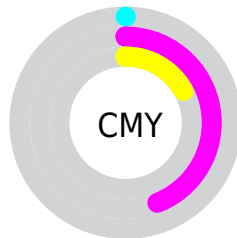
- Red (100%)
- Green (56%)
- Blue (83%)



- Red (100%)
- Yellow (56%)
- Blue (83%)



- Cyan (0%)
- Magenta (44%)
- Yellow (17%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 53.836, 341.300 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 CIELCh color 73, 53.836, 341.300 by changing the saturation by 10% instead.


 73, 53.836,
341.300


 73, 53.836,
341.300


 100, 53.836,
341.300


 63, 53.836,
341.300


 93, 53.836,
341.300

 53, 53.836,
341.300

 43, 53.836,
341.300

 33, 53.836,
341.300

 23, 53.836,
341.300

 13, 53.836,
341.300

 3, 53.836, 341.300

■ 0, 53.836, 341.300

■ 73, 53.836,
341.300

■ 73, 53.836,
341.300

■ 68, 64.761,
342.447

■ 79, 41.977,
340.287

■ 64, 74.168,
343.778

■ 84, 29.672,
339.372

■ 60, 81.419,
345.367

■ 91, 17.261,
338.529

■ 58, 86.005,
347.315

■ 97, 4.971, 337.699

■ 56, 87.778,
349.740

100, 0.351,
201.272

■ 56, 87.844,
351.395

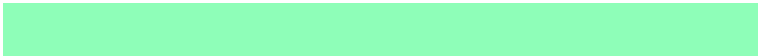
Harmonies

Complementary

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



73, 53.836, 341.300



92, 52.691, 153.261

Rectangle

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



73, 53.836, 341.300



73, 53.836, 31.300



73, 53.836, 161.300



73, 53.836, 211.300

Sweetspot

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



73, 53.833, 341.301



92, 15.959, 338.440



67, 63.097, 307.150



48, 11.186, 338.620



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 53.833, 341.301



69, 63.832, 342.315



71, 45.137, 14.131



50, 6.959, 338.157



42, 71.192, 350.854



11, 33.567, 347.212

Inverse Universe

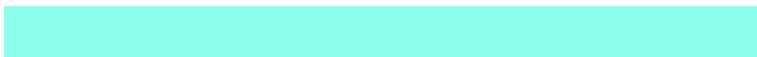
The Inverse Universe completely reimagines the original color for something new.



73, 53.833, 341.301



69, 63.832, 342.315



93, 35.692, 184.612



50, 6.959, 338.157



42, 71.192, 350.854



11, 33.567, 347.212

Previews

White Background



This preview shows how the CIELCh color 73, 53.836, 341.300 looks on a white background.

Color Contrast Check

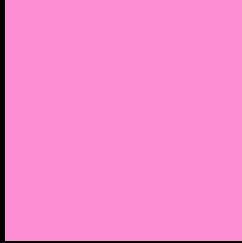
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 73, 53.836, 341.300 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](#).

CIELCh 73, 53.836, 341.300

Background



This preview shows how black text looks on a background with the CIELCh color 73, 53.836, 341.300.



This preview shows how white text looks on a background with the CIELCh color 73, 53.836, 341.300.

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



Original Color
73, 53.836, 341.300

Protanopia
73, 32.730, 285.508

Deuteranopia
73, 17.210, 302.378



Tritanopia
73, 38.845, 14.672

Trichromacy



Original Color
73, 53.836, 341.300



Protanomaly
72, 36.657, 310.431



Deuteranomaly
72, 29.519, 326.230

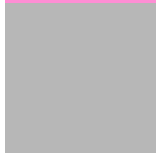


Tritanomaly
73, 42.606, 359.598

Monochromacy



Original Color
73, 53.836, 341.300



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 20.713, 338.543

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 53.836, 341.300 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 `rgb(254, 142, 212)` looks like.

```
.text, #text, p{  
    color:rgb(254, 142, 212)  
}
```

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 rgb(254, 142, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 142, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 53.836, 341.300 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 rgb(254, 142, 212) }
```

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

```
.border{ border-color:rgb(254, 142, 212) }
```

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

Here you see how a box with a 4 pixel rgb(254, 142, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 142, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 142, 212);  
box-shadow:4px 4px 4px 4px rgb(254, 142,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 53.836, 341.300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 142, 212) }
```

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

```
.background{ background-color: rgb(254,  
142, 212) }
```

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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