

Converting Colors

CIELCh(73, 42.063, 8.334)

Have a look what the booklet for
CIELCh(73, 42.063, 8.334) contains.

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Color

CIELCh(73, 41.836, 8.340)

Conversions

Conversions Part 1

Format	Color
Hex	FD95AA
RGB	253, 149, 170
RGB Percent	99%, 58%, 67%
CMY	0.0087, 0.4165, 0.3341
CMYK	0.00, 0.41, 0.33, 0.01
HSL	348°, 96%, 79%
HSV	348°, 41%, 99%
XYZ	58.3766, 45.1644, 43.5699
YIQ	182.4900, 55.2430, 28.5790

Conversions

Conversions Part 2

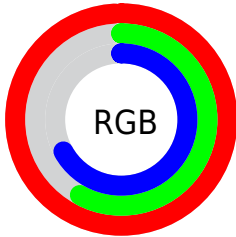
Format	Color
R _Y B	253, 149, 170
Decimal	16618922
CIE Lab	73.00, 41.39, 6.07
CIE LCh	73, 41.836, 8.340
Yxy	45.1644, 0.3968, 0.3070
Android (android.graphics.Color)	4294809002 (0xFFFD95AA)
YUV	182.4900, -6.1576, 61.8373
Hunter-Lab	67.2044, 37.4448, 8.6043

Details

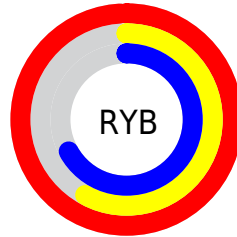
The CIELCh color **73, 41.836, 8.340** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 35.049, 179.080**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 20.957, 351.308**, and **53, 41.877, 8.397** is the 20% darker color. If you saturate the color by 10%, you get **68, 52.533, 10.438**, and if you desaturate by 10%, it is **79, 31.117, 6.661**.

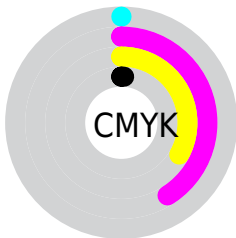
Distribution



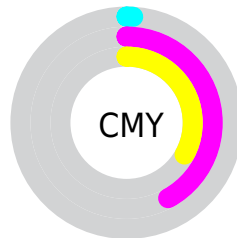
- Red (99%)
- Green (58%)
- Blue (67%)



- Red (99%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (41%)
- Yellow (33%)
- Black (1%)



- Cyan (1%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 41.836, 8.340 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, 41.836, 8.340 by changing the saturation by 10% instead.

 73, 41.836, 8.340  73, 41.836, 8.340

 100, 41.836, 8.340  63, 41.836, 8.340

 93, 41.836, 8.340  53, 41.836, 8.340

 43, 41.836, 8.340

 33, 41.836, 8.340

 23, 41.836, 8.340

 13, 41.836, 8.340

 3, 41.836, 8.340

 0, 41.836, 8.340

 73, 41.836, 8.340  73, 41.836, 8.340

68, 52.533, 10.438

79, 31.117, 6.661

63, 62.839, 13.087

85, 20.655, 5.282

59, 72.320, 16.450

92, 10.608, 4.115

56, 80.630, 20.656

98, 1.054, 2.630

54, 87.680, 25.684

100, 0.774,
200.212

53, 93.140, 30.449

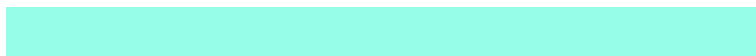
Harmonies

Complementary

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



73, 41.836, 8.340



93, 35.049, 179.080

Rectangle

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



73, 41.836, 8.340



73, 41.836, 58.340



73, 41.836, 188.340



73, 41.836, 238.340

Sweetspot

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



73, 41.833, 8.343



92, 11.543, 4.211



73, 61.736, 320.103



48, 7.682, 4.357



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, 41.833, 8.343



69, 50.630, 9.955



79, 35.074, 47.604



50, 5.433, 3.937



40, 74.850, 29.451



10, 31.973, 18.637

Inverse Universe

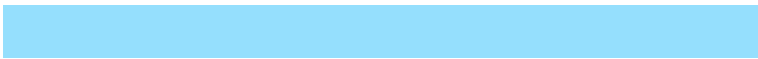
The Inverse Universe completely reimagines the original color for something new.



73, 41.833, 8.343



69, 50.630, 9.955



85, 26.703, 233.934



50, 5.433, 3.937



40, 74.850, 29.451



10, 31.973, 18.637

Previews

White Background



This preview shows how the CIELCh color 73, 41.836, 8.340 looks on a white background.

Color Contrast Check

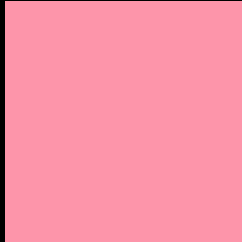
Large Text (above 18pt) WCAG AA × Fail

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, 41.836, 8.340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

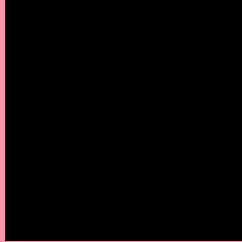
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 41.836, 8.340

Background



This preview shows how black text looks on a background with the CIELCh color 73, 41.836, 8.340.



This preview shows how white text looks on a background with the CIELCh color 73, 41.836, 8.340.

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, 41.836, 8.340

Protanopia

73, 4.419, 300.168

Deuteranopia

73, 11.988, 38.574



Tritanopia
73, 40.916, 15.372

Trichromacy



Original Color
73, 41.836, 8.340



Protanomaly
73, 16.394, 355.550



Deuteranomaly
73, 22.097, 17.246



Tritanomaly
73, 40.873, 13.133

Monochromacy



Original Color
73, 41.836, 8.340



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 15.168, 4.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 41.836, 8.340 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(253, 149, 170)` looks like.

```
.text, #text, p{  
    color:rgb(253, 149, 170)  
}
```

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(253, 149, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 149, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 41.836, 8.340 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(253, 149, 170) }
```

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

```
.border{ border-color:rgb(253, 149, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 149, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 149, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 149, 170);  
box-shadow:4px 4px 4px 4px rgb(253, 149,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 41.836, 8.340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 149, 170) }
```

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

```
.background{ background-color: rgb(253,  
149, 170) }
```

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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