

Converting Colors

CIELCh(70, 44.287, 339.374)

Have a look what the booklet for
CIELCh(70, 44.287, 339.374)
contains.

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Color

CIELCh(70, 43.984, 339.551)

Conversions

Conversions Part 1

Format	Color
Hex	E78FC8
RGB	231, 143, 200
RGB Percent	91%, 56%, 78%
CMY	0.0946, 0.4396, 0.2161
CMYK	0.00, 0.38, 0.13, 0.09
HSL	321°, 65%, 73%
HSV	321°, 38%, 91%
XYZ	53.1386, 40.7494, 59.6431
YIQ	175.8100, 34.1510, 36.3830

Conversions

Conversions Part 2

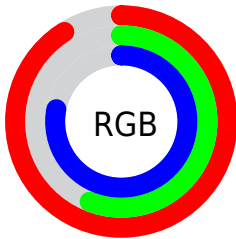
Format	Color
R _Y B	231, 143, 200
Decimal	15175624
CIE Lab	70.00, 41.21, -15.37
CIE LCh	70, 43.984, 339.551
Yxy	40.7494, 0.3461, 0.2654
Android (android.graphics.Color)	4293365704 (0xFFE78FC8)
YUV	175.8100, 11.9257, 48.4016
Hunter-Lab	63.8353, 36.8775, -10.7116

Details

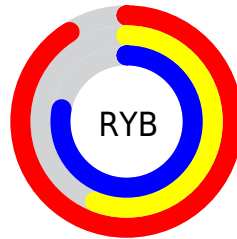
The CIELCh color **70, 43.984, 339.551** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85, 43.214, 153.060**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 35.751, 325.667**, and **50, 44.295, 339.547** is the 20% darker color. If you saturate the color by 10%, you get **65, 54.819, 340.555**, and if you desaturate by 10%, it is **75, 32.556, 338.645**.

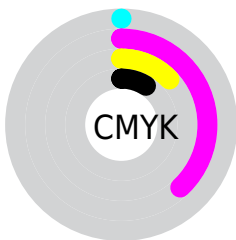
Distribution



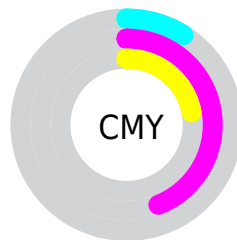
- Red (91%)
- Green (56%)
- Blue (78%)



- Red (91%)
- Yellow (56%)
- Blue (78%)



- Cyan (0%)
- Magenta (38%)
- Yellow (13%)
- Black (9%)





- Cyan (9%)
- Magenta (44%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 43.984, 339.551 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 70, 43.984, 339.551 by changing the saturation by 10% instead.


 70, 43.984,
339.551


 70, 43.984,
339.551


 100, 43.984,
339.551


 60, 43.984,
339.551


 90, 43.984,
339.551

 50, 43.984,
339.551

 40, 43.984,
339.551

 30, 43.984,
339.551

 20, 43.984,
339.551

 10, 43.984,
339.551

 0, 43.984, 339.551

70, 43.984,
339.551

70, 43.984,
339.551

65, 54.819,
340.555

75, 32.556,
338.645

61, 64.582,
341.687

81, 20.909,
337.810

57, 72.696,
343.001

87, 9.292, 337.020

54, 78.599,
344.570

93, 2.135, 156.535

52, 81.915,
346.489

98, 11.267,
157.991

51, 82.742,
348.848

98, 8.968, 177.870

51, 82.786,
349.323

98, 8.226, 198.966

Harmonies

Complementary

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



70, 43.984, 339.551



85, 43.214, 153.060

Rectangle

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



70, 43.984, 339.551



70, 43.984, 29.551



70, 43.984, 159.551



70, 43.984, 209.551

Sweetspot

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



70, 43.981, 339.552



93, 13.700, 337.252



65, 50.002, 306.144



49, 9.215, 337.358



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 43.981, 339.552



72, 56.996, 340.360



69, 35.663, 11.704



45, 6.485, 337.126



39, 68.506, 348.846



7, 29.607, 344.701

Inverse Universe

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



70, 43.981, 339.552



72, 56.996, 340.360



86, 29.506, 183.756



45, 6.485, 337.126



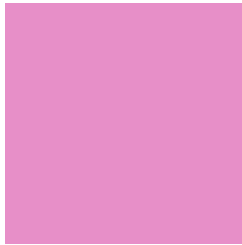
39, 68.506, 348.846



7, 29.607, 344.701

Previews

White Background



This preview shows how the CIELCh color 70, 43.984, 339.551 looks on a white background.

Color Contrast Check

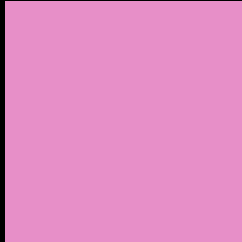
Large Text (above 18pt) WCAG AA × Fail

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 70, 43.984, 339.551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

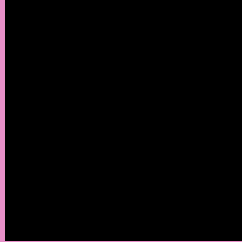
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 43.984, 339.551

Background



This preview shows how black text looks on a background with the CIELCh color 70, 43.984, 339.551.



This preview shows how white text looks on a background with the CIELCh color 70, 43.984, 339.551.

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

70, 43.984, 339.551

Protanopia

70, 26.414, 284.912

Deuteranopia

70, 16.358, 304.310



Tritanopia
70, 30.643, 10.354

Trichromacy



Original Color
70, 43.984, 339.551



Protanomaly
70, 29.443, 309.888



Deuteranomaly
70, 25.673, 325.510



Tritanomaly
70, 34.501, 356.069

Monochromacy



Original Color
70, 43.984, 339.551



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 16.583, 337.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 43.984, 339.551 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(231, 143, 200)` looks like.

```
.text, #text, p{  
    color:rgb(231, 143, 200)  
}
```

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(231, 143, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 143, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 43.984, 339.551 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(231, 143, 200) }
```

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

```
.border{ border-color:rgb(231, 143, 200) }
```

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

Here you see how a box with a 4 pixel rgb(231, 143, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 143, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 143, 200);  
box-shadow:4px 4px 4px 4px rgb(231, 143,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 43.984, 339.551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 143, 200) }
```

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

```
.background{ background-color: rgb(231,  
143, 200) }
```

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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