

Converting Colors

CIELCh(71, 44.279, 1.240)

Have a look what the booklet for
CIELCh(71, 44.279, 1.240) contains.

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Color

CIELCh(71, 44.234, 0.823)

Conversions

Conversions Part 1

Format	Color
Hex	F88DAE
RGB	248, 141, 174
RGB Percent	97%, 55%, 68%
CMY	0.0264, 0.4461, 0.3167
CMYK	0.00, 0.43, 0.30, 0.03
HSL	342°, 89%, 76%
HSV	342°, 43%, 97%
XYZ	56.0252, 42.1875, 45.3538
YIQ	176.7550, 53.1790, 32.9470

Conversions

Conversions Part 2

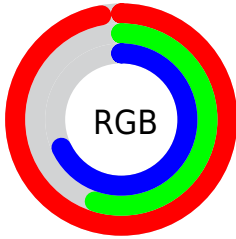
Format	Color
R _Y B	248, 141, 174
Decimal	16289198
CIE Lab	71.00, 44.23, 0.64
CIE LCh	71, 44.234, 0.823
Yxy	42.1875, 0.3902, 0.2939
Android (android.graphics.Color)	4294479278 (0xFFFF88DAE)
YUV	176.7550, -1.3582, 62.4819
Hunter-Lab	64.9519, 40.3020, 4.0661

Details

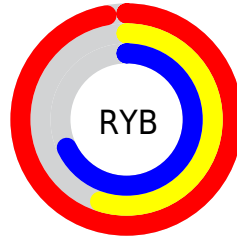
The CIELCh color **71, 44.234, 0.823** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **91, 38.979, 170.815**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 27.350, 342.536**, and **51, 44.184, 0.636** is the 20% darker color. If you saturate the color by 10%, you get **66, 54.410, 2.844**, and if you desaturate by 10%, it is **77, 33.716, 359.181**.

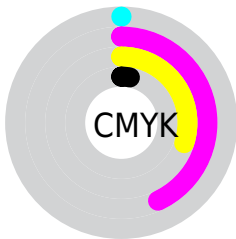
Distribution



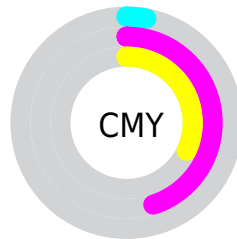
- Red (97%)
- Green (55%)
- Blue (68%)



- Red (97%)
- Yellow (55%)
- Blue (68%)



- Cyan (0%)
- Magenta (43%)
- Yellow (30%)
- Black (3%)



- Cyan (3%)
- Magenta (45%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 44.234, 0.823 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 71, 44.234, 0.823 by changing the saturation by 10% instead.

 71, 44.234, 0.823  71, 44.234, 0.823

 100, 44.234, 0.823  61, 44.234, 0.823

 91, 44.234, 0.823  51, 44.234, 0.823

 41, 44.234, 0.823


 31, 44.234, 0.823

 21, 44.234, 0.823

 11, 44.234, 0.823

 1, 44.234, 0.823

 0, 44.234, 0.823

 71, 44.234, 0.823  71, 44.234, 0.823

66, 54.410, 2.844

77, 33.716,
359.181

61, 63.804, 5.374

83, 23.207,
357.810

57, 71.925, 8.586

55, 78.419, 12.653

89, 12.928,
356.633

53, 83.294, 17.668

96, 3.006, 355.489

52, 86.108, 21.509

100, 2.337,
199.541

Harmonies

Complementary

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



71, 44.234, 0.823



91, 38.979, 170.815

Rectangle

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



71, 44.234, 0.823



71, 44.234, 50.823



71, 44.234, 180.823



71, 44.234, 230.823

Sweetspot

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



71, 44.231, 0.825



91, 13.100, 356.623



70, 62.672, 317.054



47, 9.206, 356.870



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 44.231, 0.825



68, 54.481, 2.614



74, 38.422, 38.051



49, 5.596, 356.238



40, 69.686, 20.451



9, 30.548, 11.470

Inverse Universe

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



71, 44.231, 0.825



68, 54.481, 2.614



86, 27.802, 219.750



49, 5.596, 356.238



40, 69.686, 20.451



9, 30.548, 11.470

Previews

White Background



This preview shows how the CIELCh color 71, 44.234, 0.823 looks on a white background.

Color Contrast Check

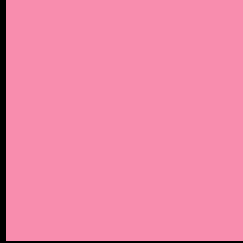
Large Text (above 18pt) WCAG AA × Fail

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 71, 44.234, 0.823 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 71, 44.234, 0.823

Background



This preview shows how black text looks on a background with the CIELCh color 71, 44.234, 0.823.



This preview shows how white text looks on a background with the CIELCh color 71, 44.234, 0.823.

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

71, 44.234, 0.823

Protanopia

71, 10.923, 289.379

Deuteranopia

71, 9.691, 13.799



Tritanopia
71, 40.778, 16.140

Trichromacy



Original Color
71, 44.234, 0.823



Protanomaly
70, 19.958, 338.213



Deuteranomaly
71, 22.533, 1.966



Tritanomaly
71, 41.560, 10.500

Monochromacy



Original Color
71, 44.234, 0.823



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 16.266, 357.347

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 44.234, 0.823 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(248, 141, 174)` looks like.

```
.text, #text, p{  
    color:rgb(248, 141, 174)  
}
```

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(248, 141, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 141, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 44.234, 0.823 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(248, 141, 174) }
```

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

```
.border{ border-color:rgb(248, 141, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 141, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 141, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 141, 174);  
box-shadow:4px 4px 4px 4px rgb(248, 141,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 44.234, 0.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 141, 174) }
```

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

```
.background{ background-color: rgb(248,  
141, 174) }
```

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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