

Converting Colors

CIELCh(70, 47.832, 338.127)

Have a look what the booklet for
CIELCh(70, 47.832, 338.127)
contains.

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Color

CIELCh(70, 47.810, 338.191)

Conversions

Conversions Part 1

Format	Color
Hex	EA8CCC
RGB	234, 140, 204
RGB Percent	92%, 55%, 80%
CMY	0.0812, 0.4499, 0.1989
CMYK	0.00, 0.40, 0.13, 0.08
HSL	319°, 69%, 73%
HSV	319°, 40%, 92%
XYZ	54.3772, 40.7494, 62.3006
YIQ	175.4020, 35.4800, 39.8320

Conversions

Conversions Part 2

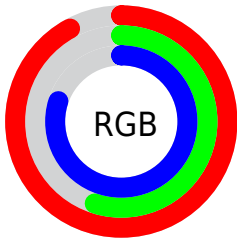
Format	Color
RYB	234, 140, 204
Decimal	15371468
CIELab	70.00, 44.39, -17.76
CIELCh	70, 47.810, 338.191
Yxy	40.7494, 0.3454, 0.2588
Android (android.graphics.Color)	4293561548 (0xFFEA8CCC)
YUV	175.4020, 14.0988, 51.3904
Hunter-Lab	63.8353, 40.3411, -13.1799

Details

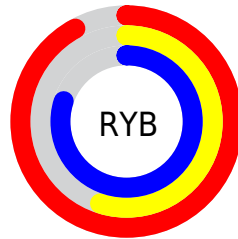
The CIELCh color `70, 47.810, 338.191` is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be `86, 47.173, 151.490`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `86, 37.631, 325.731`, and `50, 48.092, 338.211` is the 20% darker color. If you saturate the color by 10%, you get `65, 58.791, 339.144`, and if you desaturate by 10%, it is `75, 36.106, 337.322`.

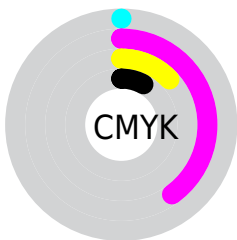
Distribution



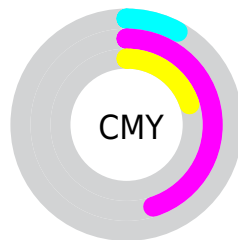
- Red (92%)
- Green (55%)
- Blue (80%)



- Red (92%)
- Yellow (55%)
- Blue (80%)



- Cyan (0%)
- Magenta (40%)
- Yellow (13%)
- Black (8%)





- Cyan (8%)
- Magenta (45%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 47.810, 338.191 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, 47.810, 338.191 by changing the saturation by 10% instead.


 70, 47.810,
338.191


 70, 47.810,
338.191


 100, 47.810,
338.191


 60, 47.810,
338.191


 90, 47.810,
338.191

 50, 47.810,
338.191

 40, 47.810,
338.191

 30, 47.810,
338.191

 20, 47.810,
338.191

 10, 47.810,
338.191

 0, 47.810, 338.191

70, 47.810,
338.191

70, 47.810,
338.191

65, 58.791,
339.144

75, 36.106,
337.322

61, 68.537,
340.208

81, 24.092,
336.515

57, 76.449,
341.430

87, 12.048,
335.752

55, 81.979,
342.874

93, 0.160, 332.661

53, 84.810,
344.624

98, 9.995, 156.108

98, 7.799, 176.524

52, 85.302,
346.698

99, 7.088, 199.050

Harmonies

Complementary

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



70, 47.810, 338.191



86, 47.173, 151.490

Rectangle

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



70, 47.810, 338.191



70, 47.810, 28.191



70, 47.810, 158.191



70, 47.810, 208.191

Sweetspot

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



70, 47.807, 338.192



92, 15.311, 335.897



64, 53.299, 305.249



48, 10.165, 335.996



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, 47.807, 338.192



71, 60.531, 338.955



69, 38.234, 9.535



46, 6.761, 335.702



40, 70.550, 346.293



8, 31.129, 342.883

Inverse Universe

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



70, 47.807, 338.192



71, 60.531, 338.955



87, 31.876, 180.734



46, 6.761, 335.702



40, 70.550, 346.293



8, 31.129, 342.883

Previews

White Background



This preview shows how the CIELCh color 70, 47.810, 338.191 looks on a white background.

Color Contrast Check

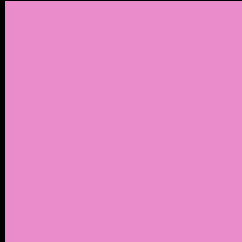
Large Text (above 18pt) WCAG AA × Fail

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, 47.810, 338.191 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, 47.810, 338.191

Background



This preview shows how black text looks on a background with the CIELCh color 70, 47.810, 338.191.



This preview shows how white text looks on a background with the CIELCh color 70, 47.810, 338.191.

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
70, 32.228, 12.124

Trichromacy



Original Color
70, 47.810, 338.191



Protanomaly
70, 33.202, 308.621



Deuteranomaly
70, 28.130, 323.031

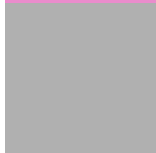


Tritanomaly
70, 36.067, 356.610

Monochromacy



Original Color
70, 47.810, 338.191



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 17.863, 336.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 47.810, 338.191 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(234, 140, 204)` looks like.

```
.text, #text, p{  
    color:rgb(234, 140, 204)  
}
```

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(234, 140, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 140, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 47.810, 338.191 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(234, 140, 204) }
```

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

```
.border{ border-color:rgb(234, 140, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 140, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 140, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 140, 204);  
box-shadow:4px 4px 4px 4px rgb(234, 140,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 47.810, 338.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 140, 204) }
```

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

```
.background{ background-color: rgb(234,  
140, 204) }
```

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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