

Converting Colors

CIELCh(71, 48.762, 358.337)

Have a look what the booklet for
CIELCh(71, 48.762, 358.337)
contains.

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Color

CIELCh(71, 48.796, 358.368)

Conversions

Conversions Part 1

Format	Color
Hex	FE89B2
RGB	254, 137, 178
RGB Percent	100%, 54%, 70%
CMY	0.0038, 0.4626, 0.3019
CMYK	0.00, 0.46, 0.30, 0.00
HSL	339°, 98%, 77%
HSV	339°, 46%, 100%
XYZ	57.8680, 42.1875, 47.2236
YIQ	176.6570, 56.5710, 37.5550

Conversions

Conversions Part 2

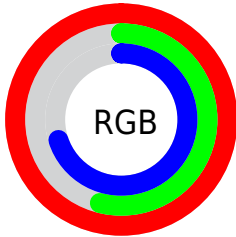
Format	Color
R_{YB}	254, 137, 178
Decimal	16681394
CIE _{Lab}	71.00, 48.78, -1.39
CIE _{LCh}	71, 48.796, 358.368
Yxy	42.1875, 0.3929, 0.2864
Android (android.graphics.Color)	4294871474 (0xFFFE89B2)
YUV	176.6570, 0.6621, 67.8298
Hunter-Lab	64.9519, 45.3661, 2.3592

Details

The CIELCh color $71, 48.796, 358.368$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $92, 43.582, 167.569$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $85, 30.794, 337.717$, and $51, 48.982, 358.732$ is the 20% darker color. If you saturate the color by 10%, you get $66, 58.895, 0.417$, and if you desaturate by 10%, it is $77, 38.121, 356.702$.

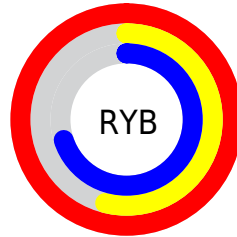
Distribution



Red (100%)

Green (54%)

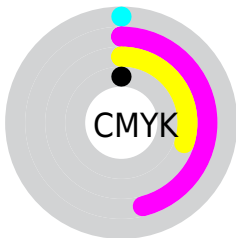
Blue (70%)



Red (100%)

Yellow (54%)

Blue (70%)

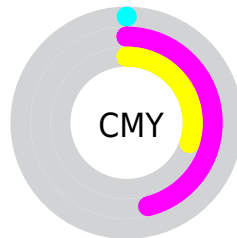


Cyan (0%)

Magenta (46%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (46%)


Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 48.796, 358.368 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, 48.796, 358.368 by changing the saturation by 10% instead.

 71, 48.796,
358.368

 71, 48.796,
358.368


 100, 48.796,
358.368

 61, 48.796,
358.368


 91, 48.796,
358.368

 51, 48.796,
358.368

 41, 48.796,
358.368

 31, 48.796,
358.368

 21, 48.796,
358.368

 11, 48.796,
358.368

 1, 48.796, 358.368

0, 48.796, 358.368

71, 48.796,
358.368

71, 48.796,
358.368

66, 58.895, 0.417

77, 38.121,
356.702

61, 67.921, 2.985

83, 27.286,
355.309

58, 75.362, 6.247

56, 80.914, 10.383

89, 16.569,
354.116

54, 84.721, 15.481

96, 6.141, 353.036

54, 86.035, 17.639

100, 0.339,
201.338

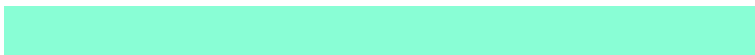
Harmonies

Complementary

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



71, 48.796, 358.368



92, 43.582, 167.569

Rectangle

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



71, 48.796, 358.368



71, 48.796, 48.368



71, 48.796, 178.368



71, 48.796, 228.368

Sweetspot

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



71, 48.793, 358.370



91, 14.441, 353.889



69, 67.721, 315.603



47, 10.006, 354.127



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, 48.793, 358.370



67, 58.048, 0.182



73, 43.781, 34.017



50, 5.818, 353.407



40, 69.221, 16.585



10, 31.309, 8.964

Inverse Universe

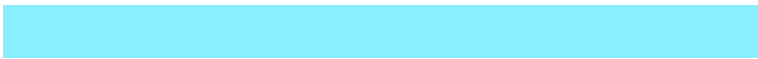
The Inverse Universe completely reimagines the original color for something new.



71, 48.793, 358.370



67, 58.048, 0.182



89, 30.668, 213.121



50, 5.818, 353.407



40, 69.221, 16.585



10, 31.309, 8.964

Previews

White Background



This preview shows how the CIELCh color 71, 48.796, 358.368 looks on a white background.

Color Contrast Check

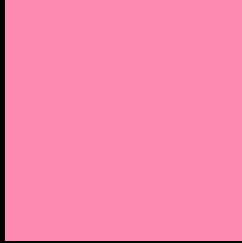
Large Text (above 18pt) WCAG AA × Fail

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, 48.796, 358.368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

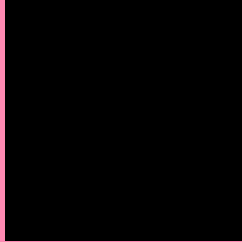
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 48.796, 358.368

Background



This preview shows how black text looks on a background with the CIELCh color 71, 48.796, 358.368.

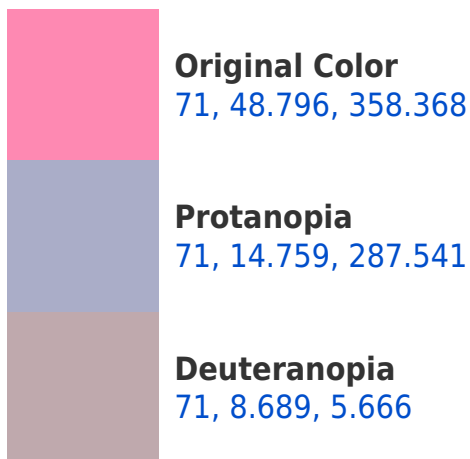


This preview shows how white text looks on a background with the CIELCh color 71, 48.796, 358.368.

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
71, 44.525, 17.256

Trichromacy



Original Color
71, 48.796, 358.368



Protanomaly
70, 23.115, 332.519



Deuteranomaly
71, 23.910, 357.715



Tritanomaly
71, 45.617, 10.250

Monochromacy



Original Color
71, 48.796, 358.368



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 18.308, 354.755

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 48.796, 358.368 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, 137, 178)` looks like.

```
.text, #text, p{  
    color:rgb(254, 137, 178)  
}
```

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, 137, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 137, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 48.796, 358.368 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, 137, 178) }
```

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

```
.border{ border-color:rgb(254, 137, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 137, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 137, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 137, 178);  
box-shadow:4px 4px 4px 4px rgb(254, 137,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 48.796, 358.368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 137, 178) }
```

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

```
.background{ background-color: rgb(254,  
137, 178) }
```

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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