

Converting Colors

CIELCh(69, 48.701, 359.755)

Have a look what the booklet for
CIELCh(69, 48.701, 359.755)
contains.

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Color

CIELCh(69, 48.368, 359.501)

Conversions

Conversions Part 1

Format	Color
Hex	F884AB
RGB	248, 132, 171
RGB Percent	97%, 52%, 67%
CMY	0.0279, 0.4827, 0.3298
CMYK	0.00, 0.47, 0.31, 0.03
HSL	340°, 89%, 74%
HSV	340°, 47%, 97%
XYZ	54.2467, 39.3444, 43.2098
YIQ	171.1300, 56.6170, 36.7210

Conversions

Conversions Part 2

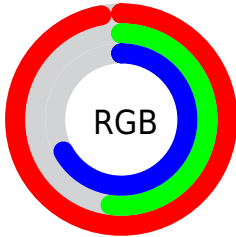
Format	Color
R _Y B	248, 132, 171
Decimal	16286891
CIE Lab	69.00, 48.37, -0.42
CIE LCh	69, 48.368, 359.501
Yxy	39.3444, 0.3965, 0.2876
Android (android.graphics.Color)	4294476971 (0xFFFF884AB)
YUV	171.1300, -0.0641, 67.4150
Hunter-Lab	62.7251, 44.6037, 3.0641

Details

The CIELCh color **69, 48.368, 359.501** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **90, 42.820, 168.418**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 31.861, 342.144**, and **49, 48.649, 359.402** is the 20% darker color. If you saturate the color by 10%, you get **64, 58.238, 1.618**, and if you desaturate by 10%, it is **75, 37.936, 357.786**.

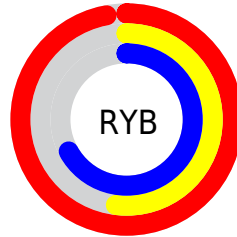
Distribution



Red (97%)

Green (52%)

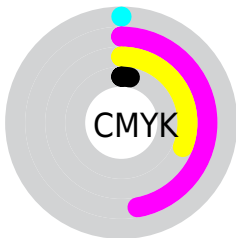
Blue (67%)



Red (97%)

Yellow (52%)

Blue (67%)

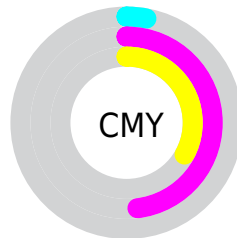


Cyan (0%)

Magenta (47%)

Yellow (31%)

Black (3%)



Cyan (3%)


Magenta (48%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 48.368, 359.501 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 69, 48.368, 359.501 by changing the saturation by 10% instead.

 69, 48.368,
359.501


 69, 48.368,
359.501


 100, 48.368,
359.501


 59, 48.368,
359.501


 89, 48.368,
359.501

 49, 48.368,
359.501

 99, 48.368,
359.501

 39, 48.368,
359.501

 29, 48.368,
359.501

 19, 48.368,
359.501

 9, 48.368, 359.501

 0, 48.368, 359.501

69, 48.368,
359.501

69, 48.368,
359.501

64, 58.238, 1.618

75, 37.936,
357.786

60, 67.063, 4.276

80, 27.349,
356.360

56, 74.358, 7.656

54, 79.858, 11.928

87, 16.882,
355.143

53, 83.749, 17.148

93, 6.704, 354.053

52, 84.908, 18.907

99, 2.653, 178.914

99, 2.467, 199.517

Harmonies

Complementary

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



69, 48.368, 359.501



90, 42.820, 168.418

Rectangle

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



69, 48.368, 359.501



69, 48.368, 49.501



69, 48.368, 179.501



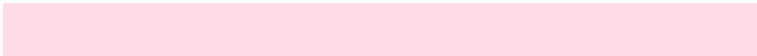
69, 48.368, 229.501

Sweetspot

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



69, 48.365, 359.503



91, 14.334, 354.834



67, 67.578, 316.152



47, 9.934, 355.074



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 48.365, 359.503



66, 58.818, 1.453



72, 43.214, 35.437



49, 5.678, 354.345



40, 68.870, 17.866



9, 30.484, 9.488

Inverse Universe

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



69, 48.365, 359.503



66, 58.818, 1.453



86, 30.108, 215.438



49, 5.678, 354.345



40, 68.870, 17.866



9, 30.484, 9.488

Previews

White Background



This preview shows how the CIELCh color 69, 48.368, 359.501 looks on a white background.

Color Contrast Check

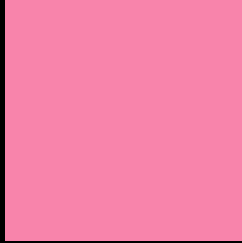
Large Text (above 18pt) WCAG AA × Fail

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 69, 48.368, 359.501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

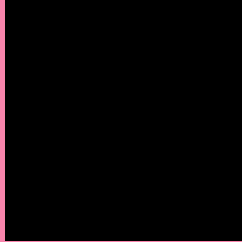
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 48.368, 359.501

Background



This preview shows how black text looks on a background with the CIELCh color 69, 48.368, 359.501.

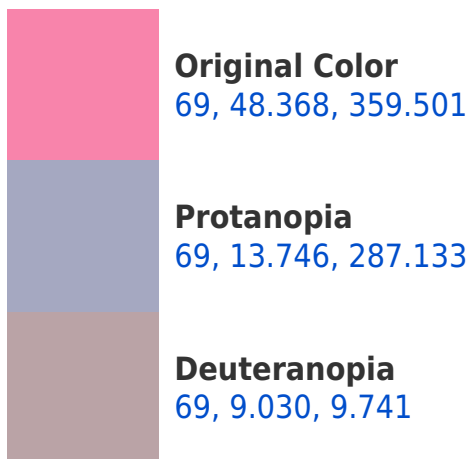


This preview shows how white text looks on a background with the CIELCh color 69, 48.368, 359.501.

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
69, 44.831, 17.455

Trichromacy



Original Color
69, 48.368, 359.501



Protanomaly
68, 22.201, 333.686



Deuteranomaly
69, 23.709, 0.269

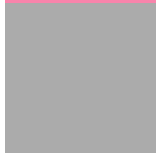


Tritanomaly
69, 45.443, 10.930

Monochromacy



Original Color
69, 48.368, 359.501



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 17.849, 355.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 48.368, 359.501 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, 132, 171)` looks like.

```
.text, #text, p{  
    color:rgb(248, 132, 171)  
}
```

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, 132, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 132, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 48.368, 359.501 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, 132, 171) }
```

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

```
.border{ border-color:rgb(248, 132, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 132, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 132, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 132, 171);  
box-shadow:4px 4px 4px 4px rgb(248, 132,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 48.368, 359.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 132, 171) }
```

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

```
.background{ background-color: rgb(248,  
132, 171) }
```

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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