

Converting Colors

CIELCh(71, 42.681, 5.344)

Have a look what the booklet for
CIELCh(71, 42.681, 5.344) contains.

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Color

CIELCh(71, 42.312, 5.627)

Conversions

Conversions Part 1

Format	Color
Hex	F78FA8
RGB	247, 143, 168
RGB Percent	97%, 56%, 66%
CMY	0.0318, 0.4396, 0.3416
CMYK	0.00, 0.42, 0.32, 0.03
HSL	346°, 86%, 76%
HSV	346°, 42%, 97%
XYZ	55.1791, 42.1875, 42.2280
YIQ	176.9460, 53.9590, 29.8230

Conversions

Conversions Part 2

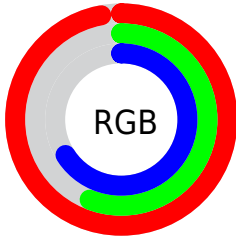
Format	Color
R _Y B	247, 143, 168
Decimal	16224168
CIE Lab	71.00, 42.11, 4.15
CIE LCh	71, 42.312, 5.627
Yxy	42.1875, 0.3953, 0.3022
Android (android.graphics.Color)	4294414248 (0xFFFF78FA8)
YUV	176.9460, -4.4104, 61.4374
Hunter-Lab	64.9519, 37.9766, 6.9194

Details

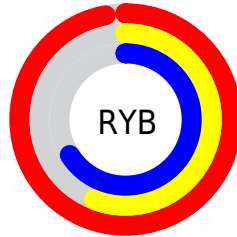
The CIELCh color $71, 42.312, 5.627$ is a light color, and the websafe version is hex `FF9999`. A complement of this color would be $91, 36.081, 175.929$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $85, 24.498, 349.230$, and $51, 42.323, 5.643$ is the 20% darker color. If you saturate the color by 10%, you get $66, 52.649, 7.725$, and if you desaturate by 10%, it is $77, 31.830, 3.939$.

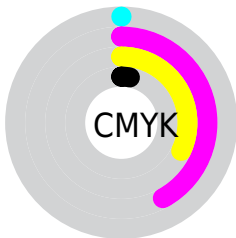
Distribution



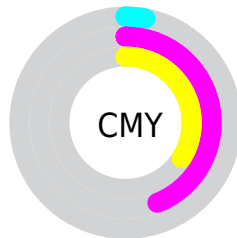
- Red (97%)
- Green (56%)
- Blue (66%)



- Red (97%)
- Yellow (56%)
- Blue (66%)



- Cyan (0%)
- Magenta (42%)
- Yellow (32%)
- Black (3%)





- Cyan (3%)
- Magenta (44%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 42.312, 5.627 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, 42.312, 5.627 by changing the saturation by 10% instead.

 71, 42.312, 5.627  71, 42.312, 5.627

 100, 42.312, 5.627  61, 42.312, 5.627

 91, 42.312, 5.627  51, 42.312, 5.627

 41, 42.312, 5.627


 31, 42.312, 5.627

 21, 42.312, 5.627

 11, 42.312, 5.627

 1, 42.312, 5.627

 0, 42.312, 5.627

 71, 42.312, 5.627  71, 42.312, 5.627

66, 52.649, 7.725

77, 31.830, 3.939

61, 62.448, 10.366

83, 21.505, 2.545

57, 71.263, 13.719

89, 11.519, 1.360

54, 78.760, 17.931

96, 1.968, 0.122

53, 84.906, 23.025

99, 2.812, 199.463

52, 89.145, 27.384

Harmonies

Complementary

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



71, 42.312, 5.627



91, 36.081, 175.929

Rectangle

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



71, 42.312, 5.627



71, 42.312, 55.627



71, 42.312, 185.627



71, 42.312, 235.627

Sweetspot

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



71, 42.309, 5.629



91, 12.713, 1.460



71, 61.630, 319.103



47, 8.942, 1.712



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, 42.309, 5.629



68, 52.881, 7.486



76, 35.867, 44.273



48, 5.332, 1.069



39, 71.528, 26.303



9, 29.849, 14.700

Inverse Universe

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



71, 42.309, 5.629



68, 52.881, 7.486



84, 26.695, 229.213



48, 5.332, 1.069



39, 71.528, 26.303



9, 29.849, 14.700

Previews

White Background



This preview shows how the CIELCh color 71, 42.312, 5.627 looks on a white background.

Color Contrast Check

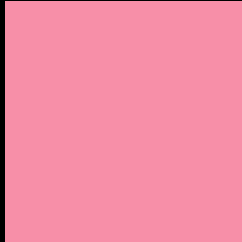
Large Text (above 18pt) WCAG AA × Fail

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, 42.312, 5.627 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, 42.312, 5.627

Background



This preview shows how black text looks on a background with the CIELCh color 71, 42.312, 5.627.

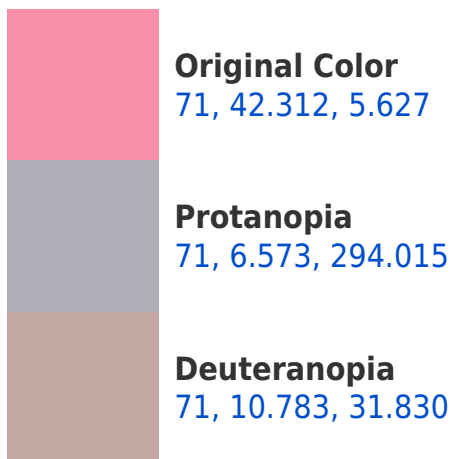


This preview shows how white text looks on a background with the CIELCh color 71, 42.312, 5.627.

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, 40.747, 15.388

Trichromacy



Original Color
71, 42.312, 5.627



Protanomaly
71, 17.442, 349.042



Deuteranomaly
71, 21.848, 12.957



Tritanomaly
71, 41.142, 11.814

Monochromacy



Original Color
71, 42.312, 5.627



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 15.016, 1.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 42.312, 5.627 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(247, 143, 168)` looks like.

```
.text, #text, p{  
    color:rgb(247, 143, 168)  
}
```

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(247, 143, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 143, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 42.312, 5.627 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(247, 143, 168) }
```

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

```
.border{ border-color:rgb(247, 143, 168) }
```

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

Here you see how a box with a 4 pixel rgb(247, 143, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 143, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 143, 168);  
box-shadow:4px 4px 4px 4px rgb(247, 143,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 42.312, 5.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 143, 168) }
```

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

```
.background{ background-color: rgb(247,  
143, 168) }
```

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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