

Converting Colors

CIELCh(73, 74.322, 344.929)

Have a look what the booklet for
CIELCh(73, 74.322, 344.929)
contains.

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Color

CIELCh(69, 68.368, 337.879)

Conversions

Conversions Part 1

Format	Color
Hex	FF76D8
RGB	255, 118, 216
RGB Percent	100%, 46%, 85%
CMY	0.0000, 0.5359, 0.1516
CMYK	0.00, 0.54, 0.15, 0.00
HSL	317°, 100%, 73%
HSV	317°, 54%, 100%
XYZ	60.3350, 39.3444, 69.6146
YIQ	170.1350, 50.1940, 59.5220

Conversions

Conversions Part 2

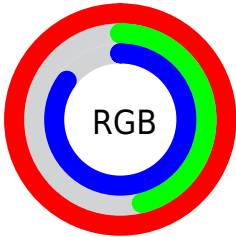
Format	Color
R _Y B	255, 118, 216
Decimal	16742104
CIE _{Lab}	69.00, 63.34, -25.74
CIE _{LCh}	69, 68.368, 337.879
Y _{xy}	39.3444, 0.3564, 0.2324
Android (android.graphics.Color)	4294932184 (0xFFFF76D8)
Y _{UV}	170.1350, 22.6114, 74.4266
Hunter-Lab	62.7251, 61.9294, -21.8946

Details

The CIELCh color **69, 68.368, 337.879** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **91, 68.142, 148.359**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **81, 50.046, 326.153**, and **49, 68.447, 337.729** is the 20% darker color. If you saturate the color by 10%, you get **65, 78.274, 338.786**, and if you desaturate by 10%, it is **74, 56.715, 336.875**.

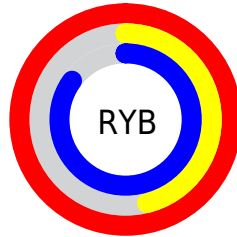
Distribution



Red (100%)

Green (46%)

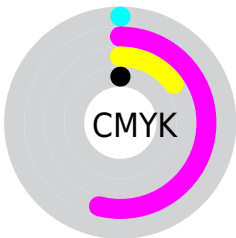
Blue (85%)



Red (100%)

Yellow (46%)

Blue (85%)

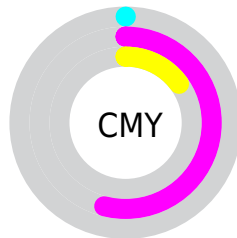


Cyan (0%)

Magenta (54%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 68.368, 337.879 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, 68.368, 337.879 by changing the saturation by 10% instead.

 69, 68.368,
337.879

 69, 68.368,
337.879

 100, 68.368,
337.879


 59, 68.368,
337.879


 89, 68.368,
337.879

 49, 68.368,
337.879

 99, 68.368,
337.879

 39, 68.368,
337.879

 29, 68.368,
337.879

 19, 68.368,
337.879

 9, 68.368, 337.879

 0, 68.368, 337.879

69, 68.368,
337.879

69, 68.368,
337.879

65, 78.274,
338.786

74, 56.715,
336.875

61, 85.999,
339.927

79, 44.133,
336.038

59, 90.949,
341.263

85, 31.045,
335.254

57, 92.940,
342.867

91, 17.809,
334.512

57, 92.998,
344.043

98, 4.669, 333.758

100, 0.012,
296.813

Harmonies

Complementary

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



69, 68.368, 337.879



91, 68.142, 148.359

Rectangle

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



69, 68.368, 337.879



69, 68.368, 27.879



69, 68.368, 157.879



69, 68.368, 207.879

Sweetspot

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



69, 68.298, 337.782



90, 21.001, 334.688



59, 77.467, 305.063



47, 14.193, 334.840



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, 68.298, 337.782



65, 78.641, 338.830



67, 55.547, 8.635



50, 7.431, 334.215



43, 75.147, 343.688



11, 35.382, 341.323

Inverse Universe

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



69, 68.298, 337.782



65, 78.641, 338.830



92, 45.043, 175.032



50, 7.431, 334.215



43, 75.147, 343.688



11, 35.382, 341.323

Previews

White Background



This preview shows how the CIELCh color 69, 68.368, 337.879 looks on a white background.

Color Contrast Check

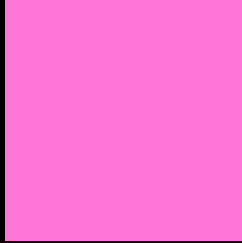
Large Text (above 18pt) WCAG AA × Fail

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, 68.368, 337.879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

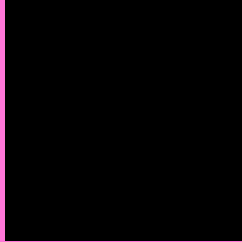
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 68.368, 337.879

Background



This preview shows how black text looks on a background with the CIELCh color 69, 68.368, 337.879.

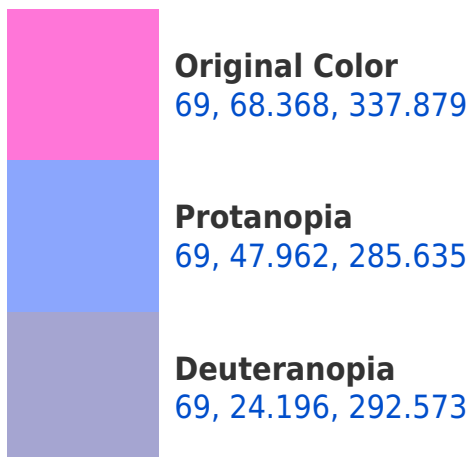


This preview shows how white text looks on a background with the CIELCh color 69, 68.368, 337.879.

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, 46.088, 17.813

Trichromacy



Original Color
69, 68.368, 337.879



Protanomaly
68, 51.338, 306.189



Deuteranomaly
68, 39.310, 319.568



Tritanomaly
69, 50.847, 359.282

Monochromacy



Original Color
69, 68.368, 337.879



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 27.047, 335.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 68.368, 337.879 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(255, 118, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 216)  
}
```

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(255, 118, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 68.368, 337.879 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(255, 118, 216) }
```

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

```
.border{ border-color:rgb(255, 118, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 118, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 68.368, 337.879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 216) }
```

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

```
.background{ background-color: rgb(255,  
118, 216) }
```

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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