

Converting Colors

CIELCh(69, 72.080, 328.545)

Have a look what the booklet for
CIELCh(69, 72.080, 328.545)
contains.

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Color

CIELCh(69, 72.549, 328.537)

Conversions

Conversions Part 1

Format	Color
Hex	F47AEE
RGB	244, 122, 238
RGB Percent	96%, 48%, 93%
CMY	0.0430, 0.5214, 0.0665
CMYK	0.00, 0.50, 0.02, 0.04
HSL	303°, 85%, 72%
HSV	303°, 50%, 96%
XYZ	59.7251, 39.3444, 85.3658
YIQ	171.7020, 35.4760, 61.9400

Conversions

Conversions Part 2

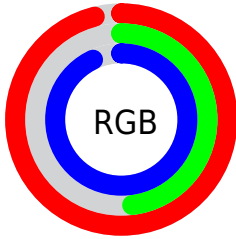
Format	Color
RYB	244, 122, 238
Decimal	16022254
CIELab	69.00, 61.88, -37.87
CIElCh	69, 72.549, 328.537
Yxy	39.3444, 0.3238, 0.2133
Android (android.graphics.Color)	4294212334 (0xFFFF47AEE)
YUV	171.7020, 32.6849, 63.4053
Hunter-Lab	62.7251, 60.1938, -36.7832

Details

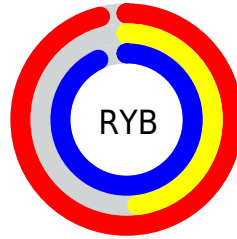
The CIELCh color **69, 72.549, 328.537** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **87, 73.022, 141.568**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 48.201, 326.091**, and **49, 72.579, 328.366** is the 20% darker color. If you saturate the color by 10%, you get **65, 84.485, 329.009**, and if you desaturate by 10%, it is **74, 59.095, 328.021**.

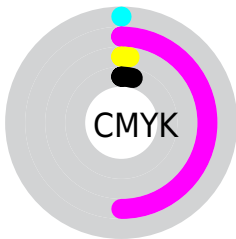
Distribution



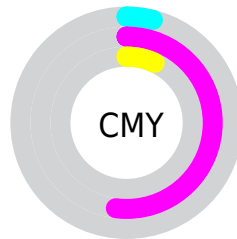
- Red (96%)
- Green (48%)
- Blue (93%)



- Red (96%)
- Yellow (48%)
- Blue (93%)



- Cyan (0%)
- Magenta (50%)
- Yellow (2%)
- Black (4%)





- Cyan (4%)
- Magenta (52%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 72.549, 328.537 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, 72.549, 328.537 by changing the saturation by 10% instead.


 69, 72.549,
328.537


 69, 72.549,
328.537


 100, 72.549,
328.537

 59, 72.549,
328.537


 89, 72.549,
328.537

 49, 72.549,
328.537

 99, 72.549,
328.537

 39, 72.549,
328.537

 29, 72.549,
328.537

 19, 72.549,
328.537

 9, 72.549, 328.537

 0, 72.549, 328.537

69, 72.549,
328.537

69, 72.549,
328.537

65, 84.485,
329.009

74, 59.095,
328.021

62, 94.300,
329.425

79, 44.703,
327.473

59, 101.472,
329.780

84, 29.839,
326.907

58, 105.743,
330.076

90, 14.856,
326.328

57, 107.483,
330.328

96, 0.007, 195.957

57, 107.484,
330.328

99, 6.307, 147.365

99, 5.832, 150.998

99, 5.384, 155.249

99, 4.969, 160.231

Harmonies

Complementary

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



69, 72.549, 328.537



87, 73.022, 141.568

Rectangle

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



69, 72.549, 328.537



69, 72.549, 18.537



69, 72.549, 148.537



69, 72.549, 198.537

Sweetspot

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



69, 72.546, 328.537



91, 23.171, 326.622



57, 69.318, 298.386



47, 15.820, 326.744



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, 72.546, 328.537



68, 87.513, 329.016



67, 53.594, 351.184



48, 8.470, 326.299



44, 87.775, 330.291



11, 39.226, 330.006

Inverse Universe

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



69, 72.546, 328.537



68, 87.513, 329.016



88, 50.149, 160.082



48, 8.470, 326.299



44, 87.775, 330.291



11, 39.226, 330.006

Previews

White Background



This preview shows how the CIELCh color 69, 72.549, 328.537 looks on a white background.

Color Contrast Check

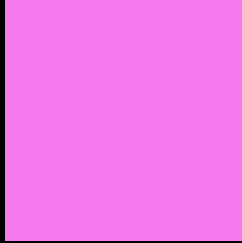
Large Text (above 18pt) WCAG AA × Fail

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, 72.549, 328.537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

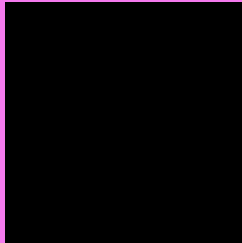
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 72.549, 328.537

Background



This preview shows how black text looks on a background with the CIELCh color 69, 72.549, 328.537.

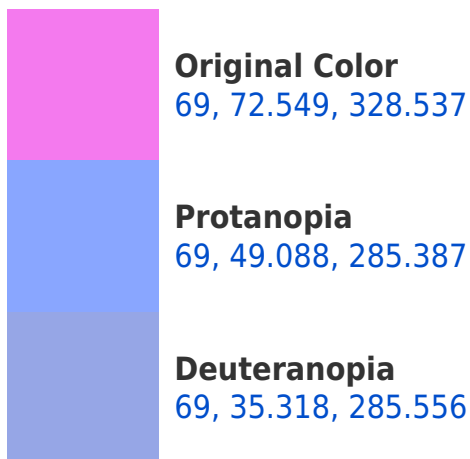


This preview shows how white text looks on a background with the CIELCh color 69, 72.549, 328.537.

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, 37.290, 14.242

Trichromacy



Original Color
69, 72.549, 328.537



Protanomaly
68, 55.265, 303.525



Deuteranomaly
68, 47.210, 307.900



Tritanomaly
69, 46.001, 349.579

Monochromacy



Original Color
69, 72.549, 328.537



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 28.068, 326.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 72.549, 328.537 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(244, 122, 238)` looks like.

```
.text, #text, p{  
    color:rgb(244, 122, 238)  
}
```

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(244, 122, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 122, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 72.549, 328.537 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(244, 122, 238) }
```

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

```
.border{ border-color:rgb(244, 122, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 122, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 122, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 122, 238);  
box-shadow:4px 4px 4px 4px rgb(244, 122,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 72.549, 328.537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 122, 238) }
```

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

```
.background{ background-color: rgb(244,  
122, 238) }
```

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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