

Converting Colors

CIELCh(69, 77.030, 328.080)

Have a look what the booklet for
CIELCh(69, 77.030, 328.080)
contains.

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Color

CIELCh(69, 77.030, 328.082)

Conversions

Conversions Part 1

Format	Color
Hex	F776F3
RGB	247, 118, 243
RGB Percent	97%, 46%, 95%
CMY	0.0302, 0.5361, 0.0459
CMYK	0.00, 0.52, 0.02, 0.03
HSL	302°, 89%, 72%
HSV	302°, 52%, 97%
XYZ	61.2018, 39.3444, 89.3983
YIQ	170.8210, 36.7590, 66.2230

Conversions

Conversions Part 2

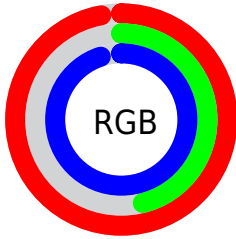
Format	Color
R _Y B	247, 118, 243
Decimal	16217843
CIE Lab	69.00, 65.38, -40.73
CIE LCh	69, 77.030, 328.082
Yxy	39.3444, 0.3222, 0.2071
Android (android.graphics.Color)	4294407923 (0xFFFF776F3)
YUV	170.8210, 35.5842, 66.8090
Hunter-Lab	62.7251, 64.3961, -40.5949

Details

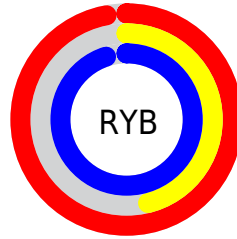
The CIELCh color **69, 77.030, 328.082** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **88, 77.611, 140.839**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **81, 50.046, 326.153**, and **49, 77.043, 328.195** is the 20% darker color. If you saturate the color by 10%, you get **65, 88.817, 328.515**, and if you desaturate by 10%, it is **74, 63.557, 327.595**.

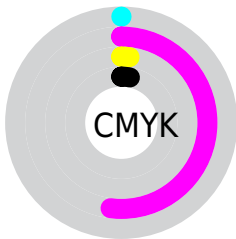
Distribution



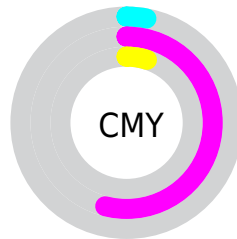
- Red (97%)
- Green (46%)
- Blue (95%)



- Red (97%)
- Yellow (46%)
- Blue (95%)



- Cyan (0%)
- Magenta (52%)
- Yellow (2%)
- Black (3%)




- Cyan (3%)
- Magenta (54%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 77.030, 328.082 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, 77.030, 328.082 by changing the saturation by 10% instead.

 69, 77.030,
328.082

 69, 77.030,
328.082


 100, 77.030,
328.082

 59, 77.030,
328.082


 89, 77.030,
328.082

 49, 77.030,
328.082

 99, 77.030,
328.082

 39, 77.030,
328.082

 29, 77.030,
328.082

 19, 77.030,
328.082

 9, 77.030, 328.082

 0, 77.030, 328.082

69, 77.030,
328.082

69, 77.030,
328.082

65, 88.817,
328.515

74, 63.557,
327.595

62, 98.319,
328.881

79, 49.002,
327.067

60, 105.055,
329.174

84, 33.868,
326.514

59, 108.856,
329.395

90, 18.539,
325.945

58, 110.151,
329.531

96, 3.286, 325.307

99, 4.517, 146.523

99, 4.208, 149.683

99, 3.914, 153.325

99, 3.638, 157.534

Harmonies

Complementary

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



69, 77.030, 328.082



88, 77.611, 140.839

Rectangle

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



69, 77.030, 328.082



69, 77.030, 18.082



69, 77.030, 148.082



69, 77.030, 198.082

Sweetspot

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



69, 77.027, 328.082



90, 25.031, 326.166



56, 73.457, 298.418



47, 16.910, 326.283



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, 77.027, 328.082



67, 91.919, 328.552



67, 56.784, 350.481



48, 8.576, 325.789



44, 89.032, 329.508



11, 39.713, 329.334

Inverse Universe

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



69, 77.027, 328.082



67, 91.919, 328.552



89, 53.416, 158.869



48, 8.576, 325.789



44, 89.032, 329.508



11, 39.713, 329.334

Previews

White Background



This preview shows how the CIELCh color 69, 77.030, 328.082 looks on a white background.

Color Contrast Check

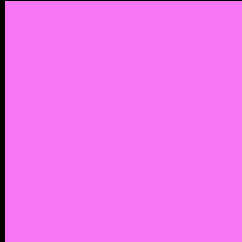
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 77.030, 328.082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

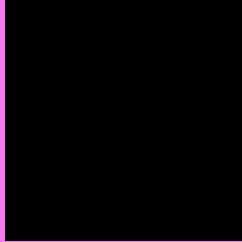
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 77.030, 328.082

Background



This preview shows how black text looks on a background with the CIELCh color 69, 77.030, 328.082.

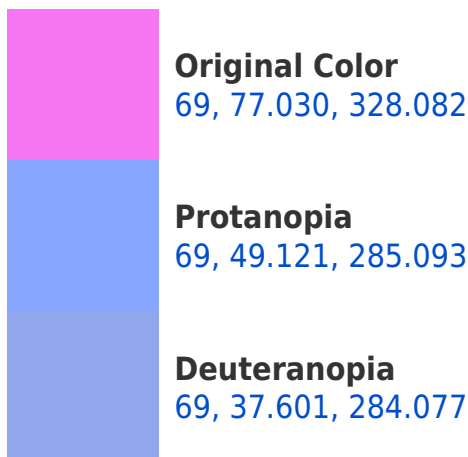


This preview shows how white text looks on a background with the CIELCh color 69, 77.030, 328.082.

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, 38.557, 15.502

Trichromacy



Original Color
69, 77.030, 328.082



Protanomaly
68, 56.943, 303.678



Deuteranomaly
68, 50.394, 307.128



Tritanomaly
69, 47.917, 349.138

Monochromacy



Original Color
69, 77.030, 328.082



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 30.013, 326.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 77.030, 328.082 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, 118, 243)` looks like.

```
.text, #text, p{  
    color:rgb(247, 118, 243)  
}
```

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, 118, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 118, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 77.030, 328.082 is called "border". The border property can be set on classes, ids or directly on the HTML element.

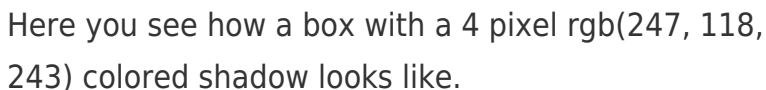
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 118, 243) }
```

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

```
.border{ border-color:rgb(247, 118, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 118, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 118, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 118, 243); box-shadow:4px 4px 4px 4px rgb(247, 118, 243) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 77.030, 328.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 118, 243) }
```

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

```
.background{ background-color: rgb(247,  
118, 243) }
```

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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