

Converting Colors

CIELCh(69, 77.542, 328.174)

Have a look what the booklet for
CIELCh(69, 77.542, 328.174)
contains.

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Color

CIELCh(69, 77.538, 328.084)

Conversions

Conversions Part 1

Format	Color
Hex	F876F4
RGB	248, 118, 244
RGB Percent	97%, 46%, 96%
CMY	0.0283, 0.5380, 0.0440
CMYK	0.00, 0.52, 0.02, 0.03
HSL	302°, 90%, 72%
HSV	302°, 52%, 97%
XYZ	61.3859, 39.3444, 89.7802
YIQ	171.2340, 37.0340, 66.7460

Conversions

Conversions Part 2

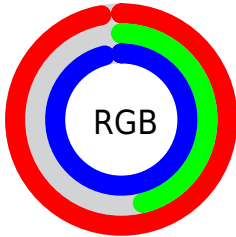
Format	Color
R _Y B	248, 118, 244
Decimal	16283380
CIE _{Lab}	69.00, 65.82, -40.99
CIE _{LCh}	69, 77.538, 328.084
Y _{xy}	39.3444, 0.3222, 0.2065
Android (android.graphics.Color)	4294473460 (0xFFFF876F4)
YUV	171.2340, 35.8736, 67.3238
Hunter-Lab	62.7251, 64.9201, -40.9559

Details

The CIELCh color **69, 77.538, 328.084** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **88, 78.136, 140.795**, 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, 77.505, 328.197** is the 20% darker color. If you saturate the color by 10%, you get **65, 89.287, 328.515**, and if you desaturate by 10%, it is **74, 64.081, 327.598**.

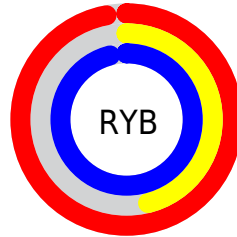
Distribution



Red (97%)

Green (46%)

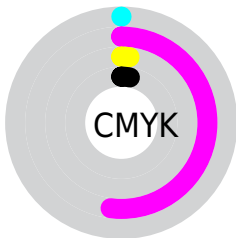
Blue (96%)



Red (97%)

Yellow (46%)

Blue (96%)

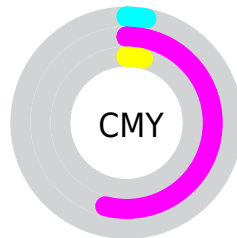


Cyan (0%)

Magenta (52%)

Yellow (2%)

Black (3%)



Cyan (3%)


Magenta (54%)

Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 77.538, 328.084 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, 77.538, 328.084 by changing the saturation by 10% instead.

 69, 77.538,
328.084


 69, 77.538,
328.084

 100, 77.538,
328.084

 59, 77.538,
328.084


 89, 77.538,
328.084

 49, 77.538,
328.084

 99, 77.538,
328.084

 39, 77.538,
328.084

 29, 77.538,
328.084

 19, 77.538,
328.084

 9, 77.538, 328.084

 0, 77.538, 328.084

69, 77.538,
328.084

69, 77.538,
328.084

65, 89.287,
328.515

74, 64.081,
327.598

62, 98.730,
328.878

79, 49.525,
327.072

60, 105.392,
329.167

84, 34.374,
326.519

59, 109.115,
329.386

90, 19.018,
325.951

58, 110.344,
329.515

96, 3.733, 325.324

99, 4.234, 146.575

99, 3.929, 149.928

99, 3.640, 153.824

99, 3.370, 158.363

Harmonies

Complementary

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



69, 77.538, 328.084



88, 78.136, 140.795

Rectangle

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



69, 77.538, 328.084



69, 77.538, 18.084



69, 77.538, 148.084



69, 77.538, 198.084

Sweetspot

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



69, 77.535, 328.084



90, 25.038, 326.156



56, 74.023, 298.478



47, 16.914, 326.273



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, 77.535, 328.084



67, 91.943, 328.540



67, 57.158, 350.531



49, 8.724, 325.780



45, 89.963, 329.493



11, 40.827, 329.329

Inverse Universe

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



69, 77.535, 328.084



67, 91.943, 328.540



89, 53.762, 158.825



49, 8.724, 325.780



45, 89.963, 329.493



11, 40.827, 329.329

Previews

White Background



This preview shows how the CIELCh color 69, 77.538, 328.084 looks on a white background.

Color Contrast Check

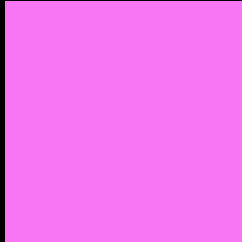
Large Text (above 18pt) WCAG AA × Fail

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, 77.538, 328.084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

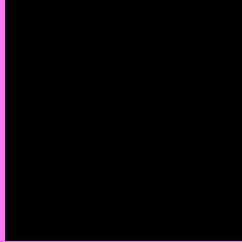
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 77.538, 328.084

Background



This preview shows how black text looks on a background with the CIELCh color 69, 77.538, 328.084.

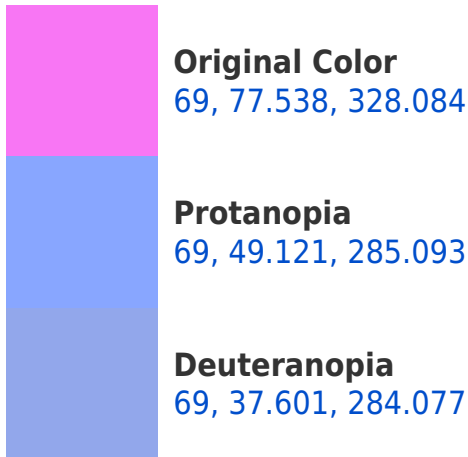


This preview shows how white text looks on a background with the CIELCh color 69, 77.538, 328.084.

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, 38.959, 15.633

Trichromacy



Original Color
69, 77.538, 328.084



Protanomaly
68, 57.595, 304.241



Deuteranomaly
68, 50.394, 307.128



Tritanomaly
69, 48.203, 349.449

Monochromacy



Original Color
69, 77.538, 328.084



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, 77.538, 328.084 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, 118, 244)` looks like.

```
.text, #text, p{  
    color:rgb(248, 118, 244)  
}
```

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, 118, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 118, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 77.538, 328.084 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, 118, 244) }
```

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

```
.border{ border-color:rgb(248, 118, 244) }
```

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

Here you see how a box with a 4 pixel rgb(248, 118, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 118, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 118, 244);  
box-shadow:4px 4px 4px 4px rgb(248, 118,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 77.538, 328.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 118, 244) }
```

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

```
.background{ background-color: rgb(248,  
118, 244) }
```

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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