

Converting Colors

CIELCh(69, 77.148, 328.006)

Have a look what the booklet for
CIELCh(69, 77.148, 328.006)
contains.

CIELCh(69, 77.428, 327.846)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(69, 77.428, 327.846)

Conversions

Conversions Part 1

Format	Color
Hex	F776F4
RGB	247, 118, 244
RGB Percent	97%, 46%, 96%
CMY	0.0307, 0.5366, 0.0425
CMYK	0.00, 0.52, 0.01, 0.03
HSL	301°, 89%, 72%
HSV	301°, 52%, 97%
XYZ	61.2735, 39.3444, 90.0886
YIQ	170.9350, 36.4380, 66.5340

Conversions

Conversions Part 2

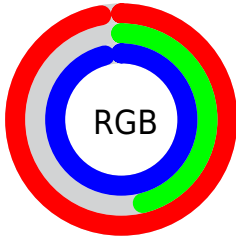
Format	Color
R _Y B	247, 118, 244
Decimal	16217844
CIE _{Lab}	69.00, 65.55, -41.21
CIE _{LCh}	69, 77.428, 327.846
Y _{xy}	39.3444, 0.3213, 0.2063
Android (android.graphics.Color)	4294407924 (0xFFFF776F4)
Y _{UV}	170.9350, 36.0210, 66.7090
Hunter-Lab	62.7251, 64.6002, -41.2474

Details

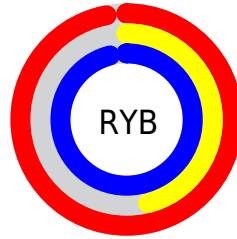
The CIELCh color `69, 77.428, 327.846` is a light color, and the websafe version is hex `FF66FF`. A complement of this color would be `88, 77.998, 140.638`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `81, 50.046, 326.153`, and `49, 77.448, 327.945` is the 20% darker color. If you saturate the color by 10%, you get `65, 89.268, 328.267`, and if you desaturate by 10%, it is `74, 63.895, 327.367`.

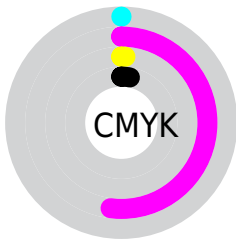
Distribution



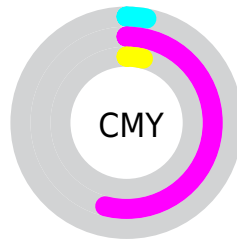
- Red (97%)
- Green (46%)
- Blue (96%)



- Red (97%)
- Yellow (46%)
- Blue (96%)



- Cyan (0%)
- Magenta (52%)
- Yellow (1%)
- Black (3%)



- Cyan (3%)
- Magenta (54%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 77.428, 327.846 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, 77.428, 327.846 by changing the saturation by 10% instead.

 69, 77.428,
327.846

 69, 77.428,
327.846

 100, 77.428,
327.846

 59, 77.428,
327.846

 89, 77.428,
327.846

 49, 77.428,
327.846

 99, 77.428,
327.846

 39, 77.428,
327.846

 29, 77.428,
327.846

 19, 77.428,
327.846

 9, 77.428, 327.846

 0, 77.428, 327.846

69, 77.428,
327.846

69, 77.428,
327.846

65, 89.268,
328.267

74, 63.895,
327.367

62, 98.819,
328.618

79, 49.275,
326.846

60, 105.603,
328.890

84, 34.070,
326.297

59, 109.455,
329.086

90, 18.667,
325.731

58, 110.794,
329.198

96, 3.340, 325.097

99, 4.661, 145.916

99, 4.426, 148.135

99, 4.199, 150.597

99, 3.980, 153.332

Harmonies

Complementary

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



69, 77.428, 327.846



88, 77.998, 140.638

Rectangle

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



69, 77.428, 327.846



69, 77.428, 17.846



69, 77.428, 147.846



69, 77.428, 197.846

Sweetspot

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



69, 77.425, 327.846



90, 25.164, 325.950



56, 73.464, 298.422



47, 16.999, 326.066



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, 77.425, 327.846



67, 92.398, 328.303



67, 56.785, 350.485



48, 8.621, 325.575



44, 89.577, 329.180



11, 39.923, 329.052

Inverse Universe

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



69, 77.425, 327.846



67, 92.398, 328.303



89, 53.416, 158.865



48, 8.621, 325.575



44, 89.577, 329.180



11, 39.923, 329.052

Previews

White Background



This preview shows how the CIELCh color 69, 77.428, 327.846 looks on a white background.

Color Contrast Check

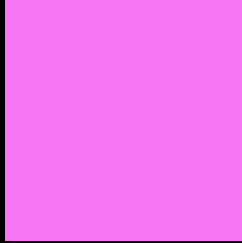
Large Text (above 18pt) WCAG AA × Fail

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, 77.428, 327.846 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, 77.428, 327.846

Background



This preview shows how black text looks on a background with the CIELCh color 69, 77.428, 327.846.

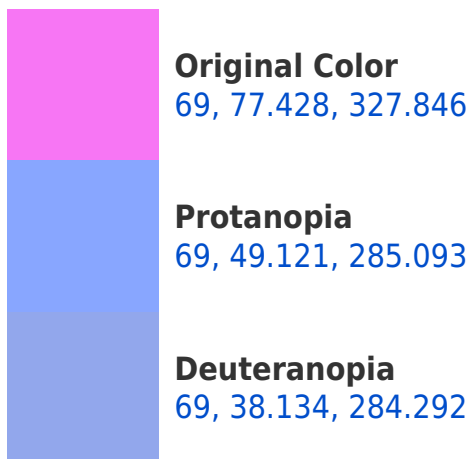


This preview shows how white text looks on a background with the CIELCh color 69, 77.428, 327.846.

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, 38.534, 14.701

Trichromacy



Original Color
69, 77.428, 327.846



Protanomaly
68, 56.943, 303.678



Deuteranomaly
68, 50.917, 307.010



Tritanomaly
69, 48.155, 348.569

Monochromacy



Original Color
69, 77.428, 327.846



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 30.448, 326.302

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 77.428, 327.846 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 118, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 118, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 77.428, 327.846 is called "border". The border property can be set on classes, ids or directly on the HTML element.

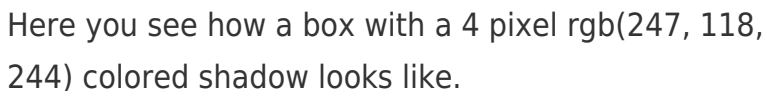
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 118, 244) }
```

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

```
.border{ border-color:rgb(247, 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(247, 118, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 118, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 118, 244);  
box-shadow:4px 4px 4px 4px rgb(247, 118,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 77.428, 327.846 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, 244) }
```

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

```
.background{ background-color: rgb(247,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor