

Converting Colors

CIELCh(68, 77.420, 328.182)

Have a look what the booklet for
CIELCh(68, 77.420, 328.182)
contains.

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Color

CIELCh(68, 77.589, 328.112)

Conversions

Conversions Part 1

Format	Color
Hex	F573F1
RGB	245, 115, 241
RGB Percent	96%, 45%, 95%
CMY	0.0397, 0.5494, 0.0553
CMYK	0.00, 0.53, 0.02, 0.04
HSL	302°, 87%, 71%
HSV	302°, 53%, 96%
XYZ	59.5940, 37.9720, 87.3194
YIQ	168.2340, 37.0340, 66.7460

Conversions

Conversions Part 2

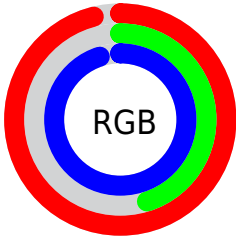
Format	Color
R_{YB}	245, 115, 241
Decimal	16086001
CIE _{Lab}	68.00, 65.88, -40.99
CIE _{LCh}	68, 77.589, 328.112
Yxy	37.9720, 0.3223, 0.2054
Android (android.graphics.Color)	4294276081 (0xFFFF573F1)
YUV	168.2340, 35.8736, 67.3238
Hunter-Lab	61.6215, 64.7895, -40.8807

Details

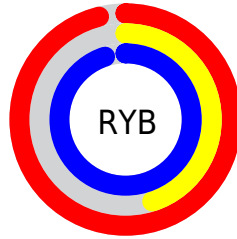
The CIELCh color **68, 77.589, 328.112** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **87, 78.216, 140.726**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **81, 51.883, 326.215**, and **48, 77.362, 328.231** is the 20% darker color. If you saturate the color by 10%, you get **64, 89.108, 328.539**, and if you desaturate by 10%, it is **72, 64.343, 327.629**.

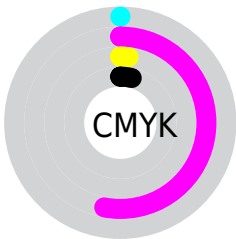
Distribution



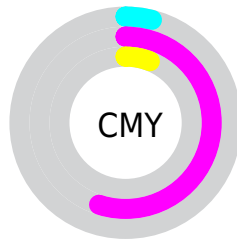
- Red (96%)
- Green (45%)
- Blue (95%)



- Red (96%)
- Yellow (45%)
- Blue (95%)



- Cyan (0%)
- Magenta (53%)
- Yellow (2%)
- Black (4%)



- Cyan (4%)
- Magenta (55%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 77.589, 328.112 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 68, 77.589, 328.112 by changing the saturation by 10% instead.

 68, 77.589,
328.112

 68, 77.589,
328.112

 100, 77.589,
328.112


 58, 77.589,
328.112


 88, 77.589,
328.112

 48, 77.589,
328.112

 98, 77.589,
328.112

 38, 77.589,
328.112

 28, 77.589,
328.112

 18, 77.589,
328.112

 8, 77.589, 328.112

 0, 77.589, 328.112

68, 77.589,
328.112

68, 77.589,
328.112

64, 89.108,
328.539

72, 64.343,
327.629

61, 98.312,
328.898

77, 49.975,
327.105

59, 104.744,
329.183

83, 34.992,
326.554

58, 108.271,
329.397

89, 19.786,
325.988

58, 109.365,
329.515

95, 4.636, 325.377

99, 6.061, 145.675

99, 5.754, 147.895

99, 5.456, 150.358

99, 5.169, 153.097

Harmonies

Complementary

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



68, 77.589, 328.112



87, 78.216, 140.726

Rectangle

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



68, 77.589, 328.112



68, 77.589, 18.112



68, 77.589, 148.112



68, 77.589, 198.112

Sweetspot

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



68, 77.586, 328.112



90, 25.037, 326.156



55, 74.277, 298.599



47, 16.914, 326.274



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68, 77.586, 328.112



66, 93.008, 328.580



66, 57.225, 350.629



48, 8.578, 325.780



44, 89.057, 329.493



11, 39.722, 329.321

Inverse Universe

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



68, 77.586, 328.112



66, 93.008, 328.580



88, 53.814, 158.738



48, 8.578, 325.780



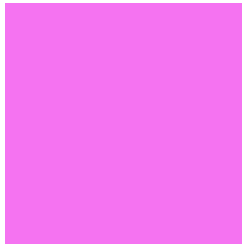
44, 89.057, 329.493



11, 39.722, 329.321

Previews

White Background



This preview shows how the CIELCh color 68, 77.589, 328.112 looks on a white background.

Color Contrast Check

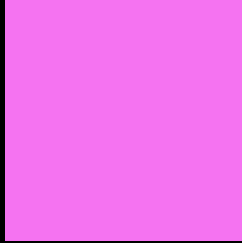
Large Text (above 18pt) WCAG AA × Fail

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 68, 77.589, 328.112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

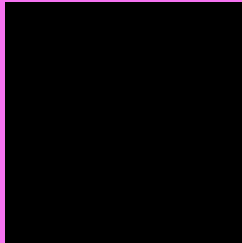
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 77.589, 328.112

Background



This preview shows how black text looks on a background with the CIELCh color 68, 77.589, 328.112.

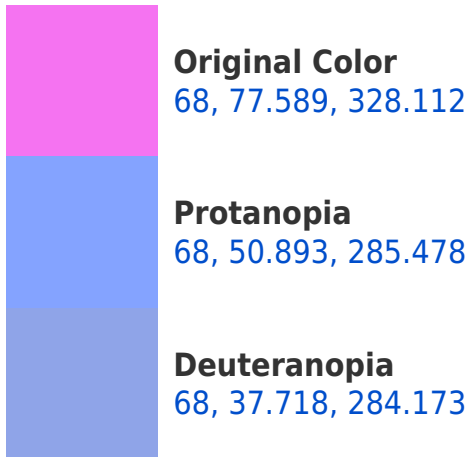


This preview shows how white text looks on a background with the CIELCh color 68, 77.589, 328.112.

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
68, 39.098, 15.722

Trichromacy



Original Color
68, 77.589, 328.112



Protanomaly
67, 58.177, 303.615



Deuteranomaly
67, 50.545, 307.160



Tritanomaly
68, 48.293, 349.527

Monochromacy



Original Color
68, 77.589, 328.112



Achromatopsia
69, 0.009, 296.813



Achromatomaly
67, 30.534, 326.321

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 77.589, 328.112 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(245, 115, 241)` looks like.

```
.text, #text, p{  
    color:rgb(245, 115, 241)  
}
```

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(245, 115, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 115, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 77.589, 328.112 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(245, 115, 241) }
```

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

```
.border{ border-color:rgb(245, 115, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 115, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 115, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 115, 241);  
box-shadow:4px 4px 4px 4px rgb(245, 115,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 77.589, 328.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 115, 241) }
```

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

```
.background{ background-color: rgb(245,  
115, 241) }
```

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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