

Converting Colors

CIELCh(75, 94.470, 338.989)

Have a look what the booklet for
CIELCh(75, 94.470, 338.989)
contains.

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Color

CIELCh(67, 89.017, 328.708)

Conversions

Conversions Part 1

Format	Color
Hex	FE63F8
RGB	254, 99, 248
RGB Percent	100%, 39%, 97%
CMY	0.0052, 0.6130, 0.0285
CMYK	0.00, 0.61, 0.02, 0.01
HSL	302°, 98%, 69%
HSV	302°, 61%, 99%
XYZ	62.0835, 36.6320, 92.3824
YIQ	162.3310, 44.5510, 79.1990

Conversions

Conversions Part 2

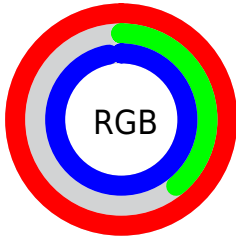
Format	Color
R _Y B	254, 99, 248
Decimal	16671736
CIE Lab	67.00, 76.07, -46.24
CIE LCh	67, 89.017, 328.708
Yxy	36.6320, 0.3249, 0.1917
Android (android.graphics.Color)	4294861816 (0xFFFE63F8)
YUV	162.3310, 42.2348, 80.3937
Hunter-Lab	60.5244, 77.1808, -48.1313

Details

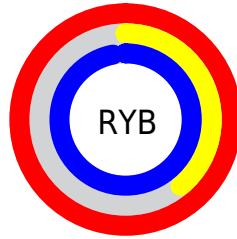
The CIELCh color **67, 89.017, 328.708** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **89, 90.322, 139.939**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 60.331, 326.496**, and **47, 89.032, 328.740** is the 20% darker color. If you saturate the color by 10%, you get **64, 98.912, 329.096**, and if you desaturate by 10%, it is **71, 76.840, 328.258**.

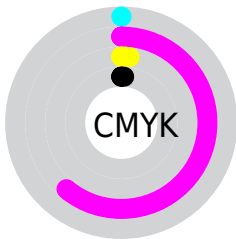
Distribution



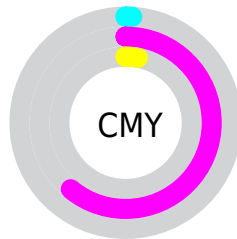
- Red (100%)
- Green (39%)
- Blue (97%)



- Red (100%)
- Yellow (39%)
- Blue (97%)



- Cyan (0%)
- Magenta (61%)
- Yellow (2%)
- Black (1%)




- Cyan (1%)
- Magenta (61%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 89.017, 328.708 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 67, 89.017, 328.708 by changing the saturation by 10% instead.

 67, 89.017,
328.708


 67, 89.017,
328.708


 100, 89.017,
328.708

 57, 89.017,
328.708

 87, 89.017,
328.708

 47, 89.017,
328.708

 97, 89.017,
328.708

 37, 89.017,
328.708

 27, 89.017,
328.708

 17, 89.017,
328.708

 7, 89.017, 328.708

 0, 89.017, 328.708

67, 89.017,
328.708

67, 89.017,
328.708

64, 98.912,
329.096

71, 76.840,
328.258

61, 106.023,
329.415

76, 63.017,
327.757

60, 110.129,
329.667

81, 48.148,
327.220

59, 111.637,
329.849

87, 32.736,
326.660

93, 17.161,
326.087

99, 1.689, 325.354

100, 0.518,
173.603

100, 0.463,
200.808

Harmonies

Complementary

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



67, 89.017, 328.708



89, 90.322, 139.939

Rectangle

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



67, 89.017, 328.708



67, 89.017, 18.708



67, 89.017, 148.708



67, 89.017, 198.708

Sweetspot

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



67, 89.014, 328.708



89, 28.038, 326.484



51, 89.153, 300.632



46, 19.493, 326.650



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 89.014, 328.708



64, 100.910, 329.163



64, 65.926, 353.245



50, 8.824, 325.994



45, 90.322, 329.820



12, 41.703, 329.622

Inverse Universe

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



67, 89.014, 328.708



64, 100.910, 329.163



90, 61.501, 158.358



50, 8.824, 325.994



45, 90.322, 329.820



12, 41.703, 329.622

Previews

White Background



This preview shows how the CIELCh color 67, 89.017, 328.708 looks on a white background.

Color Contrast Check

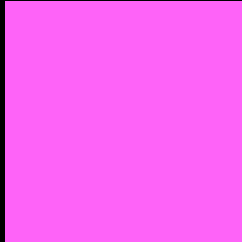
Large Text (above 18pt) WCAG AA × Fail

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 67, 89.017, 328.708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

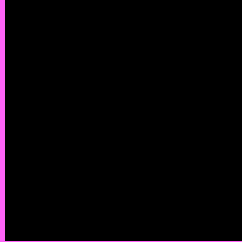
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 89.017, 328.708

Background



This preview shows how black text looks on a background with the CIELCh color 67, 89.017, 328.708.

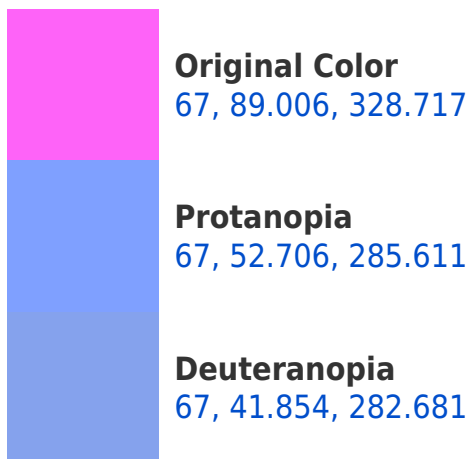


This preview shows how white text looks on a background with the CIELCh color 67, 89.017, 328.708.

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
67, 46.006, 17.926

Trichromacy



Original Color
67, 89.006, 328.717



Protanomaly
65, 64.181, 305.415



Deuteranomaly
65, 57.935, 307.190



Tritanomaly
66, 56.226, 350.890

Monochromacy



Original Color
67, 89.006, 328.717



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 36.028, 326.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 89.017, 328.708 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(254, 99, 248)` looks like.

```
.text, #text, p{  
    color:rgb(254, 99, 248)  
}
```

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(254, 99, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 99, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 89.017, 328.708 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(254, 99, 248) }
```

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

```
.border{ border-color:rgb(254, 99, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 99, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 99, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 99, 248);  
box-shadow:4px 4px 4px 4px rgb(254, 99,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 89.017, 328.708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 99, 248) }
```

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

```
.background{ background-color: rgb(254, 99,  
248) }
```

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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