

Converting Colors

CIELCh(67, 89.880, 325.930)

Have a look what the booklet for
CIELCh(67, 89.880, 325.930)
contains.

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Color

CIELCh(67, 89.918, 326.040)

Conversions

Conversions Part 1

Format	Color
Hex	F866FF
RGB	248, 102, 255
RGB Percent	97%, 40%, 100%
CMY	0.0279, 0.6004, 0.0004
CMYK	0.03, 0.60, 0.00, 0.00
HSL	297°, 100%, 70%
HSV	297°, 60%, 100%
XYZ	61.4472, 36.6320, 98.3530
YIQ	163.0960, 37.9030, 78.5350

Conversions

Conversions Part 2

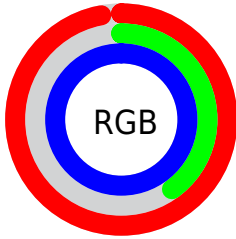
Format	Color
R_{YB}	248, 102, 255
Decimal	16279295
CIE _{Lab}	67.00, 74.58, -50.23
CIE _{LCh}	67, 89.918, 326.040
Yxy	36.6320, 0.3128, 0.1865
Android (android.graphics.Color)	4294469375 (0xFFFF866FF)
YUV	163.0960, 45.3087, 74.4608
Hunter-Lab	60.5244, 75.3040, -53.9801

Details

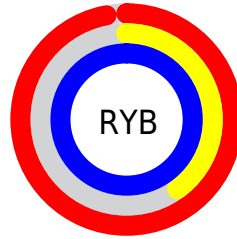
The CIELCh color **67, 89.918, 326.040** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **90, 90.445, 138.366**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 59.138, 326.457**, and **47, 90.110, 325.917** is the 20% darker color. If you saturate the color by 10%, you get **63, 100.627, 326.306**, and if you desaturate by 10%, it is **71, 77.042, 325.680**.

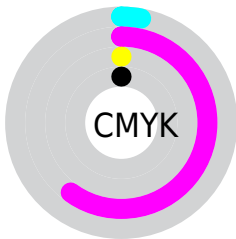
Distribution



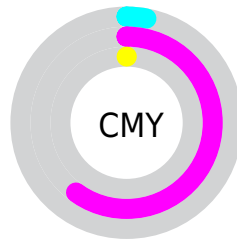
- Red (97%)
- Green (40%)
- Blue (100%)



- Red (97%)
- Yellow (40%)
- Blue (100%)



- Cyan (3%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (60%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 89.918, 326.040 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, 89.918, 326.040 by changing the saturation by 10% instead.

 67, 89.918,
326.040


 67, 89.918,
326.040


 100, 89.918,
326.040

 57, 89.918,
326.040


 87, 89.918,
326.040

 47, 89.918,
326.040

 97, 89.918,
326.040

 37, 89.918,
326.040

 27, 89.918,
326.040

 17, 89.918,
326.040

 7, 89.918, 326.040

 0, 89.918, 326.040

67, 89.918,
326.040

67, 89.918,
326.040

63, 100.627,
326.306

71, 77.042,
325.680

61, 108.607,
326.457

76, 62.653,
325.247

59, 113.552,
326.484

82, 47.342,
324.764

58, 115.810,
326.400

88, 31.587,
324.251

94, 15.741,
323.719

100, 0.046,
316.745

100, 0.040,
108.260

Harmonies

Complementary

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



67, 89.918, 326.040



90, 90.445, 138.366

Rectangle

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



67, 89.918, 326.040



67, 89.918, 16.040



67, 89.918, 146.040



67, 89.918, 196.040

Sweetspot

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



67, 89.915, 326.040



89, 28.390, 324.144



53, 83.205, 298.039



46, 19.742, 324.297



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, 89.915, 326.040



63, 102.468, 326.345



65, 67.859, 347.616



50, 8.929, 323.691



44, 93.302, 326.431



12, 42.909, 326.646

Inverse Universe

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



63, 64.527, 24.489



58, 78.274, 28.402



90, 65.552, 154.317



49, 5.257, 16.239



40, 82.282, 38.257



10, 32.997, 25.340

Previews

White Background



This preview shows how the CIELCh color 67, 89.918, 326.040 looks on a white background.

Color Contrast Check

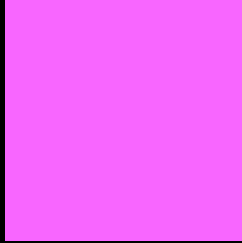
Large Text (above 18pt) WCAG AA × Fail

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, 89.918, 326.040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

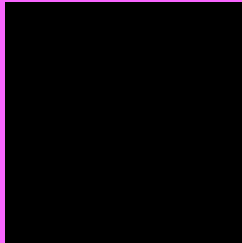
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 89.918, 326.040

Background



This preview shows how black text looks on a background with the CIELCh color 67, 89.918, 326.040.



This preview shows how white text looks on a background with the CIELCh color 67, 89.918, 326.040.

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



Original Color
67, 89.918, 326.040

Protanopia
67, 52.706, 285.611

Deuteranopia
67, 46.377, 282.242



Tritanopia
67, 41.356, 16.514

Trichromacy



Original Color
67, 89.918, 326.040



Protanomaly
65, 65.090, 304.502



Deuteranomaly
65, 61.276, 304.308

Tritanomaly
66, 53.398, 347.111

Monochromacy



Original Color
67, 89.918, 326.040



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 35.862, 324.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 89.918, 326.040 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, 102, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 102, 255)  
}
```

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, 102, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 102, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 89.918, 326.040 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, 102, 255) }
```

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

```
.border{ border-color:rgb(248, 102, 255) }
```

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

Here you see how a box with a 4 pixel rgb(248, 102, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 102, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 102, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 102,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 89.918, 326.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 102, 255) }
```

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

```
.background{ background-color: rgb(248,  
102, 255) }
```

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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