

Converting Colors

CIELCh(67, 91.543, 326.617)

Have a look what the booklet for
CIELCh(67, 91.543, 326.617)
contains.

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Color

CIELCh(67, 91.512, 326.707)

Conversions

Conversions Part 1

Format	Color
Hex	FB63FF
RGB	251, 99, 255
RGB Percent	98%, 39%, 100%
CMY	0.0159, 0.6119, 0.0002
CMYK	0.02, 0.61, 0.00, 0.00
HSL	298°, 100%, 69%
HSV	298°, 61%, 100%
XYZ	62.2661, 36.6320, 98.3581
YIQ	162.2320, 40.5160, 80.7400

Conversions

Conversions Part 2

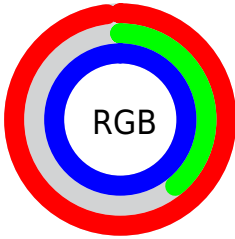
Format	Color
R_{YB}	251, 99, 255
Decimal	16475135
CIE Lab	67.00, 76.49, -50.23
CIE LCh	67, 91.512, 326.707
Yxy	36.6320, 0.3157, 0.1857
Android (android.graphics.Color)	4294665215 (0xFFFB63FF)
YUV	162.2320, 45.7346, 77.8495
Hunter-Lab	60.5244, 77.7191, -53.9851

Details

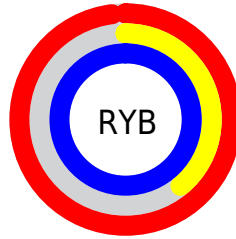
The CIELCh color **67, 91.512, 326.707** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **90, 92.343, 138.594**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 60.331, 326.496**, and **47, 91.762, 326.636** is the 20% darker color. If you saturate the color by 10%, you get **64, 101.836, 326.986**, and if you desaturate by 10%, it is **71, 78.911, 326.337**.

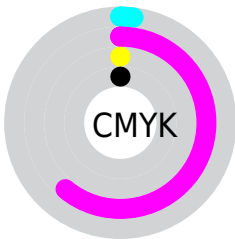
Distribution



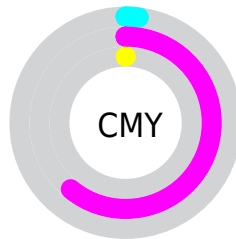
- Red (98%)
- Green (39%)
- Blue (100%)



- Red (98%)
- Yellow (39%)
- Blue (100%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 91.512, 326.707 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, 91.512, 326.707 by changing the saturation by 10% instead.


 67, 91.512,
326.707


 67, 91.512,
326.707


 100, 91.512,
326.707


 57, 91.512,
326.707


 87, 91.512,
326.707

 47, 91.512,
326.707

 97, 91.512,
326.707

 37, 91.512,
326.707

 27, 91.512,
326.707

 17, 91.512,
326.707

 7, 91.512, 326.707

 0, 91.512, 326.707

67, 91.512,
326.707

67, 91.512,
326.707

64, 101.836,
326.986

71, 78.911,
326.337

61, 109.365,
327.160

76, 64.678,
325.897

60, 113.864,
327.224

81, 49.416,
325.406

59, 115.689,
327.201

87, 33.628,
324.883

93, 17.691,
324.340

99, 1.869, 323.660

100, 0.011,
103.359

Harmonies

Complementary

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



67, 91.512, 326.707



90, 92.343, 138.594

Rectangle

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



67, 91.512, 326.707



67, 91.512, 16.707



67, 91.512, 146.707



67, 91.512, 196.707

Sweetspot

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



67, 91.509, 326.707



89, 28.557, 324.712



52, 86.601, 298.907



46, 19.856, 324.868



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, 91.509, 326.707



63, 103.436, 327.026



65, 68.329, 348.859



50, 8.985, 324.247



45, 93.191, 327.219



12, 42.866, 327.340

Inverse Universe

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



63, 66.448, 26.242



58, 80.243, 30.109



90, 65.665, 154.924



49, 5.253, 17.867



40, 83.091, 39.002



10, 33.156, 26.153

Previews

White Background



This preview shows how the CIELCh color 67, 91.512, 326.707 looks on a white background.

Color Contrast Check

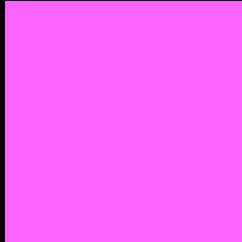
Large Text (above 18pt) WCAG AA × Fail

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, 91.512, 326.707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

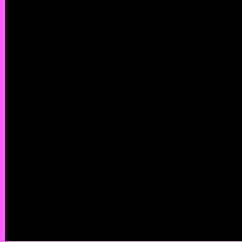
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 91.512, 326.707

Background



This preview shows how black text looks on a background with the CIELCh color 67, 91.512, 326.707.



This preview shows how white text looks on a background with the CIELCh color 67, 91.512, 326.707.

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, 91.512, 326.707

Protanopia

67, 52.738, 285.353

Deuteranopia

67, 45.852, 282.007



Tritanopia
67, 43.078, 17.747

Trichromacy



Original Color
67, 91.512, 326.707



Protanomaly
65, 65.705, 304.726



Deuteranomaly
65, 61.396, 304.884



Tritanomaly
66, 54.772, 348.639

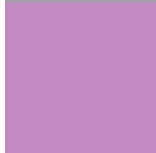
Monochromacy



Original Color
67, 91.512, 326.707



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 37.170, 325.003

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 91.512, 326.707 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(251, 99, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 99, 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(251, 99, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 99, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 91.512, 326.707 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(251, 99, 255) }
```

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

```
.border{ border-color:rgb(251, 99, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 99, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 99, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 99, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 99,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 91.512, 326.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 99, 255) }
```

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

```
.background{ background-color: rgb(251, 99,  
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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