

Converting Colors

CIELCh(67, 89.722, 325.454)

Have a look what the booklet for
CIELCh(67, 89.722, 325.454)
contains.

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Color

CIELCh(67, 89.306, 325.608)

Conversions

Conversions Part 1

Format	Color
Hex	F667FF
RGB	246, 103, 255
RGB Percent	96%, 40%, 100%
CMY	0.0342, 0.5950, 0.0000
CMYK	0.03, 0.60, 0.00, 0.00
HSL	297°, 100%, 70%
HSV	297°, 60%, 100%
XYZ	61.0702, 36.6320, 98.6818
YIQ	163.0850, 36.4360, 77.5880

Conversions

Conversions Part 2

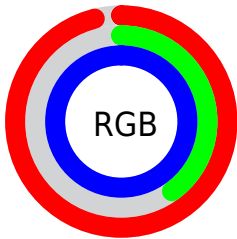
Format	Color
R_{YB}	246, 103, 255
Decimal	16148479
CIE _{Lab}	67.00, 73.69, -50.44
CIE _{LCh}	67, 89.306, 325.608
Yxy	36.6320, 0.3110, 0.1865
Android (android.graphics.Color)	4294338559 (0xFFFF667FF)
YUV	163.0850, 45.3141, 72.7165
Hunter-Lab	60.5244, 74.1923, -54.3022

Details

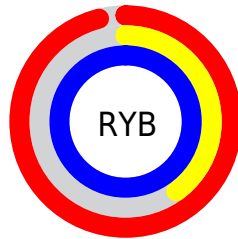
The CIELCh color $67, 89.306, 325.608$ is a light color, and the websafe version is hex FF66FF . A complement of this color would be $90, 89.559, 138.205$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 58.540, 326.437$, and $47, 89.574, 325.462$ is the 20% darker color. If you saturate the color by 10%, you get $63, 100.093, 325.915$, and if you desaturate by 10%, it is $71, 76.193, 325.303$.

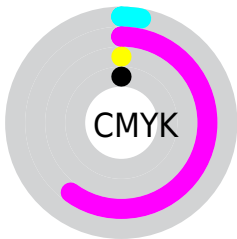
Distribution



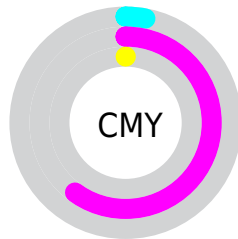
- Red (96%)
- Green (40%)
- Blue (100%)



- Red (96%)
- 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, 89.306, 325.608 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, 89.306, 325.608 by changing the saturation by 10% instead.

 67, 89.306,
325.608

 67, 89.306,
325.608

 100, 89.306,
325.608

 57, 89.306,
325.608

 87, 89.306,
325.608

 47, 89.306,
325.608

 97, 89.306,
325.608

 37, 89.306,
325.608

 27, 89.306,
325.608

 17, 89.306,
325.608

 7, 89.306, 325.608

 0, 89.306, 325.608

67, 89.306,
325.608

67, 89.306,
325.608

63, 100.093,
325.915

71, 76.193,
325.303

61, 108.293,
326.053

76, 61.734,
324.875

59, 113.457,
326.060

82, 46.403,
324.397

58, 115.850,
325.943

88, 30.669,
323.889

58, 115.941,
325.936

94, 14.870,
323.363

100, 0.012,
296.813

Harmonies

Complementary

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



67, 89.306, 325.608



90, 89.559, 138.205

Rectangle

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



67, 89.306, 325.608



67, 89.306, 15.608



67, 89.306, 145.608



67, 89.306, 195.608

Sweetspot

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



67, 89.196, 325.658



89, 28.293, 323.811



54, 80.876, 297.294



46, 19.677, 323.962



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, 89.196, 325.658



63, 101.505, 325.944



66, 68.009, 346.516



50, 8.897, 323.364



44, 93.377, 325.975



11, 42.937, 326.244

Inverse Universe

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



63, 63.662, 23.500



59, 76.711, 27.230



90, 66.040, 153.626



50, 5.261, 15.292



40, 81.834, 37.832



10, 32.907, 24.864

Previews

White Background



This preview shows how the CIELCh color 67, 89.306, 325.608 looks on a white background.

Color Contrast Check

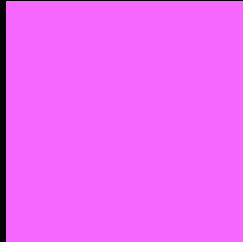
Large Text (above 18pt) WCAG AA × Fail

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 67, 89.306, 325.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

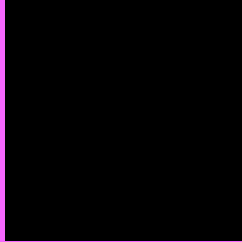
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 89.306, 325.608

Background



This preview shows how black text looks on a background with the CIELCh color 67, 89.306, 325.608.



This preview shows how white text looks on a background with the CIELCh color 67, 89.306, 325.608.

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, 89.306, 325.608

Protanopia

67, 52.738, 285.353

Deuteranopia

67, 46.377, 282.242



Tritanopia
67, 40.499, 16.232

Trichromacy



Original Color
67, 89.306, 325.608



Protanomaly
65, 65.065, 304.244



Deuteranomaly
65, 60.657, 304.064



Tritanomaly
66, 52.594, 346.990

Monochromacy



Original Color
67, 89.306, 325.608



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 35.690, 324.390

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 89.306, 325.608 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(246, 103, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 103, 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(246, 103, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 103, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 89.306, 325.608 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(246, 103, 255) }
```

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

```
.border{ border-color:rgb(246, 103, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 103, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 103, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 103, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 103,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 89.306, 325.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 103, 255) }
```

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

```
.background{ background-color: rgb(246,  
103, 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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