

Converting Colors

CIELCh(77, 91.899, 345.409)

Have a look what the booklet for
CIELCh(77, 91.899, 345.409)
contains.

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Color

CIELCh(67, 82.386, 331.894)

Conversions

Conversions Part 1

Format	Color
Hex	FE66EA
RGB	254, 102, 234
RGB Percent	100%, 40%, 92%
CMY	0.0029, 0.5989, 0.0812
CMYK	0.00, 0.60, 0.08, 0.00
HSL	308°, 99%, 70%
HSV	308°, 60%, 100%
XYZ	60.6365, 36.6320, 81.9373
YIQ	162.4960, 48.2200, 73.2760

Conversions

Conversions Part 2

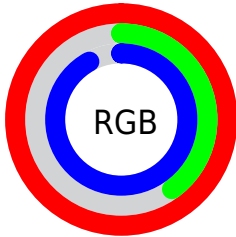
Format	Color
R _Y B	254, 102, 234
Decimal	16672490
CIE Lab	67.00, 72.67, -38.81
CIE LCh	67, 82.386, 331.894
Yxy	36.6320, 0.3384, 0.2044
Android (android.graphics.Color)	4294862570 (0xFFFE66EA)
YUV	162.4960, 35.2515, 80.2490
Hunter-Lab	60.5244, 72.9132, -37.8992

Details

The CIELCh color $67, 82.386, 331.894$ is a light color, and the websafe version is hex $FF66FF$. A complement of this color would be $90, 83.669, 142.581$, 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 $47, 82.487, 331.843$ is the 20% darker color. If you saturate the color by 10%, you get $63, 91.943, 332.498$, and if you desaturate by 10%, it is $71, 70.685, 331.284$.

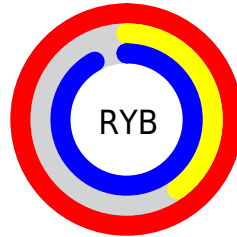
Distribution



Red (100%)

Green (40%)

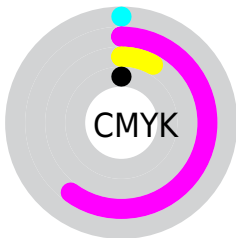
Blue (92%)



Red (100%)

Yellow (40%)

Blue (92%)

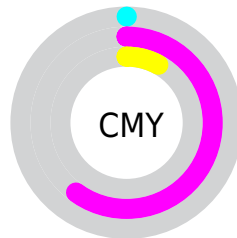


Cyan (0%)

Magenta (60%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (60%)

Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 82.386, 331.894 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, 82.386, 331.894 by changing the saturation by 10% instead.

 67, 82.386,
331.894


 67, 82.386,
331.894

 100, 82.386,
331.894

 57, 82.386,
331.894


 87, 82.386,
331.894

 47, 82.386,
331.894

 97, 82.386,
331.894

 37, 82.386,
331.894

 27, 82.386,
331.894

 17, 82.386,
331.894

 7, 82.386, 331.894

 0, 82.386, 331.894

67, 82.386,
331.894

67, 82.386,
331.894

63, 91.943,
332.498

71, 70.685,
331.284

61, 98.801,
333.101

76, 57.489,
330.665

59, 102.650,
333.722

82, 43.382,
330.043

58, 103.816,
334.380

88, 28.835,
329.421

58, 103.831,
334.396

94, 14.190,
328.800

100, 0.318,
149.326

100, 0.259,
201.944

Harmonies

Complementary

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



67, 82.386, 331.894



90, 83.669, 142.581

Rectangle

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



67, 82.386, 331.894



67, 82.386, 21.894



67, 82.386, 151.894



67, 82.386, 201.894

Sweetspot

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



67, 82.383, 331.894



89, 26.301, 329.311



53, 86.993, 302.126



46, 18.288, 329.492



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, 82.383, 331.894



63, 93.939, 332.632



64, 62.976, 358.866



50, 8.274, 328.783



44, 83.964, 334.276



12, 39.106, 333.454

Inverse Universe

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



67, 82.383, 331.894



63, 93.939, 332.632



91, 56.037, 163.436



50, 8.274, 328.783



44, 83.964, 334.276



12, 39.106, 333.454

Previews

White Background



This preview shows how the CIELCh color 67, 82.386, 331.894 looks on a white background.

Color Contrast Check

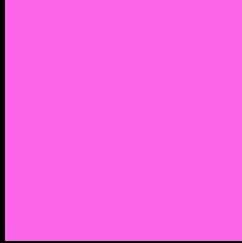
Large Text (above 18pt) WCAG AA × Fail

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, 82.386, 331.894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

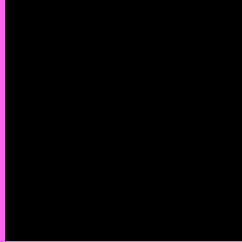
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 82.386, 331.894

Background



This preview shows how black text looks on a background with the CIELCh color 67, 82.386, 331.894.



This preview shows how white text looks on a background with the CIELCh color 67, 82.386, 331.894.

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, 82.379, 331.908

Protanopia
67, 52.706, 285.611

Deuteranopia
67, 35.539, 285.222



Tritanopia
67, 47.749, 19.035

Trichromacy



Original Color
67, 82.379, 331.908



Protanomaly
65, 60.932, 305.513



Deuteranomaly
65, 50.963, 311.005



Tritanomaly
67, 54.983, 355.261

Monochromacy



Original Color
67, 82.379, 331.908



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 33.219, 329.775

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 82.386, 331.894 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, 102, 234)` looks like.

```
.text, #text, p{  
    color:rgb(254, 102, 234)  
}
```

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, 102, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 102, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 82.386, 331.894 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, 102, 234) }
```

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

```
.border{ border-color:rgb(254, 102, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 102, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 102, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 102, 234);  
box-shadow:4px 4px 4px 4px rgb(254, 102,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 82.386, 331.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 102, 234) }
```

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

```
.background{ background-color: rgb(254,  
102, 234) }
```

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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