

Converting Colors

CIELCh(67, 82.576, 331.341)

Have a look what the booklet for
CIELCh(67, 82.576, 331.341)
contains.

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Color

CIELCh(67, 82.530, 331.198)

Conversions

Conversions Part 1

Format	Color
Hex	FD67EC
RGB	253, 103, 236
RGB Percent	99%, 40%, 93%
CMY	0.0079, 0.5961, 0.0746
CMYK	0.00, 0.59, 0.07, 0.01
HSL	307°, 97%, 70%
HSV	307°, 59%, 99%
XYZ	60.4885, 36.6320, 83.2267
YIQ	163.0120, 46.7070, 73.1630

Conversions

Conversions Part 2

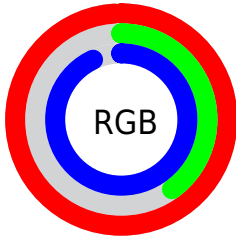
Format	Color
R _Y B	253, 103, 236
Decimal	16607212
CIE _{Lab}	67.00, 72.32, -39.76
CIE _{LCh}	67, 82.530, 331.198
Yxy	36.6320, 0.3354, 0.2031
Android (android.graphics.Color)	4294797292 (0xFFFD67EC)
YUV	163.0120, 35.9831, 78.9195
Hunter-Lab	60.5244, 72.4765, -39.1623

Details

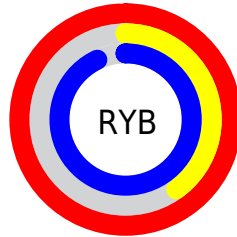
The CIELCh color **67, 82.530, 331.198** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **89, 83.770, 142.140**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 58.540, 326.437**, and **47, 82.645, 331.085** is the 20% darker color. If you saturate the color by 10%, you get **63, 92.298, 331.758**, and if you desaturate by 10%, it is **71, 70.646, 330.620**.

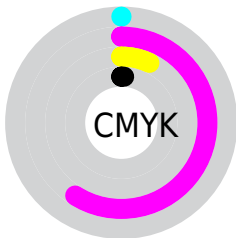
Distribution



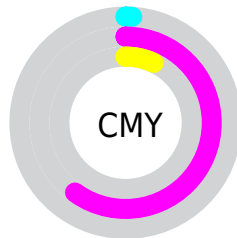
- Red (99%)
- Green (40%)
- Blue (93%)



- Red (99%)
- Yellow (40%)
- Blue (93%)



- Cyan (0%)
- Magenta (59%)
- Yellow (7%)
- Black (1%)





- Cyan (1%)
- Magenta (60%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 82.530, 331.198 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, 82.530, 331.198 by changing the saturation by 10% instead.

 67, 82.530,
331.198


 67, 82.530,
331.198


 100, 82.530,
331.198


 57, 82.530,
331.198


 87, 82.530,
331.198

 47, 82.530,
331.198

 97, 82.530,
331.198

 37, 82.530,
331.198

 27, 82.530,
331.198

 17, 82.530,
331.198

 7, 82.530, 331.198

 0, 82.530, 331.198

67, 82.530,
331.198

67, 82.530,
331.198

63, 92.298,
331.758

71, 70.646,
330.620

61, 99.392,
332.302

76, 57.291,
330.025

59, 103.496,
332.843

82, 43.042,
329.420

58, 104.870,
333.400

87, 28.365,
328.812

58, 104.926,
333.440

93, 13.601,
328.201

100, 1.021,
147.975

100, 0.700,
200.307

Harmonies

Complementary

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



67, 82.530, 331.198



89, 83.770, 142.140

Rectangle

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



67, 82.530, 331.198



67, 82.530, 21.198



67, 82.530, 151.198



67, 82.530, 201.198

Sweetspot

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



67, 82.527, 331.198



89, 26.631, 328.734



53, 85.924, 301.674



46, 18.517, 328.911



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, 82.527, 331.198



63, 94.303, 331.853



64, 62.600, 357.541



50, 8.379, 328.214



44, 85.150, 333.342



12, 39.593, 332.659

Inverse Universe

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



67, 82.527, 331.198



63, 94.303, 331.853



90, 56.308, 162.486



50, 8.379, 328.214



44, 85.150, 333.342



12, 39.593, 332.659

Previews

White Background



This preview shows how the CIELCh color 67, 82.530, 331.198 looks on a white background.

Color Contrast Check

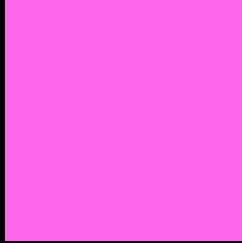
Large Text (above 18pt) WCAG AA × Fail

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, 82.530, 331.198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

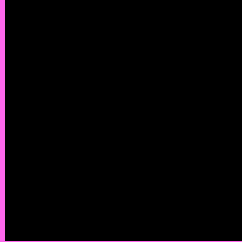
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 82.530, 331.198

Background



This preview shows how black text looks on a background with the CIELCh color 67, 82.530, 331.198.



This preview shows how white text looks on a background with the CIELCh color 67, 82.530, 331.198.

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, 82.530, 331.198

Protanopia
67, 52.706, 285.611

Deuteranopia
67, 36.150, 284.503



Tritanopia
67, 46.480, 18.698

Trichromacy



Original Color
67, 82.530, 331.198



Protanomaly
65, 61.458, 305.446



Deuteranomaly
65, 51.854, 309.964



Tritanomaly
67, 54.235, 353.905

Monochromacy



Original Color
67, 82.530, 331.198



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 33.636, 329.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 82.530, 331.198 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(253, 103, 236)` looks like.

```
.text, #text, p{  
    color:rgb(253, 103, 236)  
}
```

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(253, 103, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 103, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 82.530, 331.198 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(253, 103, 236) }
```

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

```
.border{ border-color:rgb(253, 103, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 103, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 103, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 103, 236);  
box-shadow:4px 4px 4px 4px rgb(253, 103,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 82.530, 331.198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 103, 236) }
```

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

```
.background{ background-color: rgb(253,  
103, 236) }
```

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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