

Converting Colors

CIELCh(67, 78.019, 335.547)

Have a look what the booklet for
CIELCh(67, 78.019, 335.547)
contains.

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Color

CIELCh(67, 78.150, 335.073)

Conversions

Conversions Part 1

Format	Color
Hex	FF68E0
RGB	255, 104, 224
RGB Percent	100%, 41%, 88%
CMY	0.0000, 0.5930, 0.1226
CMYK	0.00, 0.59, 0.12, 0.00
HSL	312°, 100%, 70%
HSV	312°, 59%, 100%
XYZ	59.8786, 36.6320, 74.2523
YIQ	162.8290, 51.4760, 69.3320

Conversions

Conversions Part 2

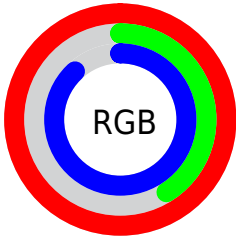
Format	Color
RYB	255, 104, 224
Decimal	16738528
CIELab	67.00, 70.87, -32.94
CIELCh	67, 78.150, 335.073
Yxy	36.6320, 0.3507, 0.2145
Android (android.graphics.Color)	4294928608 (0xFFFF68E0)
YUV	162.8290, 30.1573, 80.8340
Hunter-Lab	60.5244, 70.6780, -30.3710

Details

The CIELCh color **67, 78.150, 335.073** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 78.981, 144.933**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 57.941, 326.417**, and **47, 77.882, 334.930** is the 20% darker color. If you saturate the color by 10%, you get **63, 87.231, 335.701**, and if you desaturate by 10%, it is **71, 66.790, 334.118**.

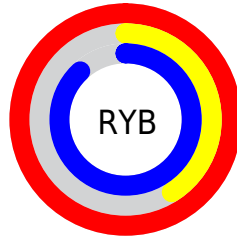
Distribution



Red (100%)

Green (41%)

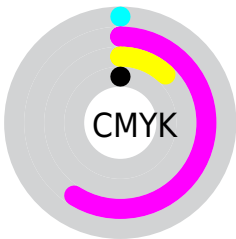
Blue (88%)



Red (100%)

Yellow (41%)

Blue (88%)

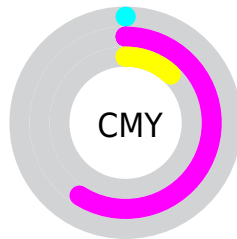


Cyan (0%)

Magenta (59%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (59%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 78.150, 335.073 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, 78.150, 335.073 by changing the saturation by 10% instead.

 67, 78.150,
335.073


 67, 78.150,
335.073


 100, 78.150,
335.073

 57, 78.150,
335.073


 87, 78.150,
335.073

 47, 78.150,
335.073

 97, 78.150,
335.073

 37, 78.150,
335.073

 27, 78.150,
335.073

 17, 78.150,
335.073

 7, 78.150, 335.073

 0, 78.150, 335.073

67, 78.150,
335.073

67, 78.150,
335.073

63, 87.231,
335.701

71, 66.790,
334.118

60, 93.782,
336.590

76, 54.134,
333.384

59, 97.343,
337.591

82, 40.644,
332.677

58, 98.160,
338.738

88, 26.771,
331.991

58, 98.177,
338.821

94, 12.838,
331.321

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, 78.150, 335.073



90, 78.981, 144.933

Rectangle

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



67, 78.150, 335.073



67, 78.150, 25.073



67, 78.150, 155.073



67, 78.150, 205.073

Sweetspot

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



67, 78.037, 334.885



89, 24.951, 331.904



54, 86.293, 303.997



46, 17.353, 332.100



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, 78.037, 334.885



63, 88.541, 335.845



64, 61.603, 4.996



50, 7.845, 331.335



43, 79.285, 338.597



11, 37.159, 337.097

Inverse Universe

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



67, 78.037, 334.885



63, 88.541, 335.845



91, 51.688, 169.132



50, 7.845, 331.335



43, 79.285, 338.597



11, 37.159, 337.097

Previews

White Background



This preview shows how the CIELCh color 67, 78.150, 335.073 looks on a white background.

Color Contrast Check

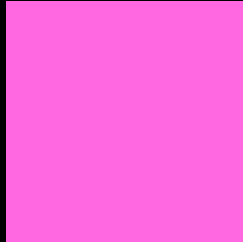
Large Text (above 18pt) WCAG AA × Fail

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, 78.150, 335.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

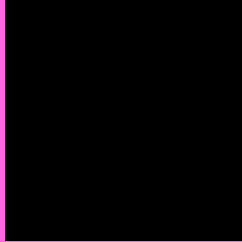
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 78.150, 335.073

Background



This preview shows how black text looks on a background with the CIELCh color 67, 78.150, 335.073.



This preview shows how white text looks on a background with the CIELCh color 67, 78.150, 335.073.

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, 78.017, 334.819

Protanopia
67, 52.706, 285.611

Deuteranopia
67, 30.458, 287.777



Tritanopia
67, 49.479, 19.501

Trichromacy



Original Color
67, 78.017, 334.819



Protanomaly
65, 58.764, 305.790



Deuteranomaly
65, 46.331, 314.984



Tritanomaly
66, 55.018, 357.953

Monochromacy



Original Color
67, 78.017, 334.819



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 31.592, 332.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 78.150, 335.073 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(255, 104, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 104, 224)  
}
```

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(255, 104, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 104, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 78.150, 335.073 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(255, 104, 224) }
```

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

```
.border{ border-color:rgb(255, 104, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 104, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 104, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 104, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 104,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 78.150, 335.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 104, 224) }
```

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

```
.background{ background-color: rgb(255,  
104, 224) }
```

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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