

Converting Colors

CIELCh(67, 78.736, 334.551)

Have a look what the booklet for
CIELCh(67, 78.736, 334.551)
contains.

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Color

CIELCh(67, 78.362, 334.539)

Conversions

Conversions Part 1

Format	Color
Hex	FF68E1
RGB	255, 104, 225
RGB Percent	100%, 41%, 88%
CMY	0.0000, 0.5918, 0.1173
CMYK	0.00, 0.59, 0.12, 0.00
HSL	312°, 100%, 70%
HSV	312°, 59%, 100%
XYZ	59.8289, 36.6320, 75.2057
YIQ	162.9430, 51.1550, 69.6430

Conversions

Conversions Part 2

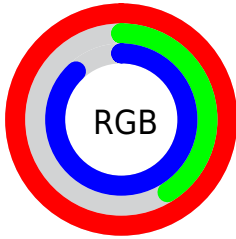
Format	Color
RYB	255, 104, 225
Decimal	16738529
CIELab	67.00, 70.75, -33.69
CIELCh	67, 78.362, 334.539
Yxy	36.6320, 0.3485, 0.2134
Android (android.graphics.Color)	4294928609 (0xFFFF68E1)
YUV	162.9430, 30.5941, 80.7340
Hunter-Lab	60.5244, 70.5314, -31.3049

Details

The CIELCh color **67, 78.362, 334.539** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 79.325, 144.682**, 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, 78.227, 334.631** is the 20% darker color. If you saturate the color by 10%, you get **63, 87.623, 335.309**, and if you desaturate by 10%, it is **71, 67.019, 333.772**.

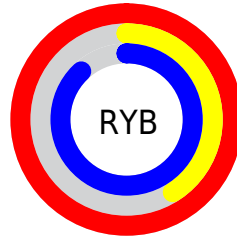
Distribution



Red (100%)

Green (41%)

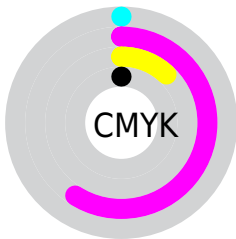
Blue (88%)



Red (100%)

Yellow (41%)

Blue (88%)

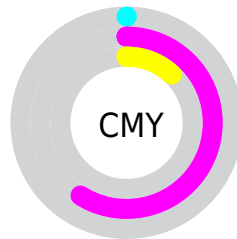


Cyan (0%)

Magenta (59%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (59%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 78.362, 334.539 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, 78.362, 334.539 by changing the saturation by 10% instead.

 67, 78.362,
334.539


 67, 78.362,
334.539


 100, 78.362,
334.539


 57, 78.362,
334.539


 87, 78.362,
334.539

 47, 78.362,
334.539

 97, 78.362,
334.539

 37, 78.362,
334.539

 27, 78.362,
334.539

 17, 78.362,
334.539

 7, 78.362, 334.539

 0, 78.362, 334.539

67, 78.362,
334.539

67, 78.362,
334.539

63, 87.623,
335.309

71, 67.019,
333.772

61, 94.256,
336.162

77, 54.283,
333.053

59, 97.897,
337.115

82, 40.712,
332.356

58, 98.777,
338.199

88, 26.758,
331.679

58, 98.800,
338.291

94, 12.744,
331.015

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, 78.362, 334.539



90, 79.325, 144.682

Rectangle

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



67, 78.362, 334.539



67, 78.362, 24.539



67, 78.362, 154.539



67, 78.362, 204.539

Sweetspot

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



67, 78.348, 334.520



89, 25.099, 331.600



54, 86.134, 303.579



46, 17.455, 331.794



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, 78.348, 334.520



63, 89.040, 335.458



65, 61.637, 3.696



50, 7.892, 331.036



43, 79.782, 338.081



11, 37.368, 336.664

Inverse Universe

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



67, 78.348, 334.520



63, 89.040, 335.458



91, 52.398, 167.960



50, 7.892, 331.036



43, 79.782, 338.081



11, 37.368, 336.664

Previews

White Background



This preview shows how the CIELCh color 67, 78.362, 334.539 looks on a white background.

Color Contrast Check

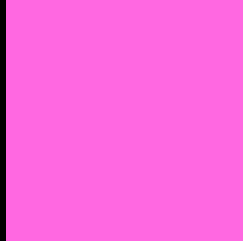
Large Text (above 18pt) WCAG AA × Fail

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, 78.362, 334.539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

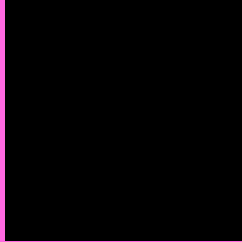
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 78.362, 334.539

Background



This preview shows how black text looks on a background with the CIELCh color 67, 78.362, 334.539.



This preview shows how white text looks on a background with the CIELCh color 67, 78.362, 334.539.

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, 78.362, 334.539

Protanopia

67, 52.674, 285.871

Deuteranopia

67, 30.475, 286.577



Tritanopia
67, 49.017, 19.365

Trichromacy



Original Color
67, 78.362, 334.539



Protanomaly
65, 58.764, 305.790



Deuteranomaly
65, 46.732, 314.338



Tritanomaly
67, 54.676, 357.668

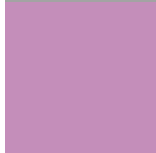
Monochromacy



Original Color
67, 78.362, 334.539



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 31.340, 331.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 78.362, 334.539 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 104, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 104, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 78.362, 334.539 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, 225) }
```

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

```
.border{ border-color:rgb(255, 104, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 104, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 104, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 104,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 78.362, 334.539 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, 225) }
```

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

```
.background{ background-color: rgb(255,  
104, 225) }
```

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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