

Converting Colors

CIELCh(78, 81.096, 354.658)

Have a look what the booklet for
CIELCh(78, 81.096, 354.658)
contains.

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Color

CIELCh(69, 66.477, 339.996)

Conversions

Conversions Part 1

Format	Color
Hex	FF77D3
RGB	255, 119, 211
RGB Percent	100%, 47%, 83%
CMY	0.0000, 0.5334, 0.1727
CMYK	0.00, 0.53, 0.17, 0.00
HSL	319°, 100%, 73%
HSV	319°, 53%, 100%
XYZ	59.9696, 39.3444, 66.0364
YIQ	170.1520, 51.5240, 57.4440

Conversions

Conversions Part 2

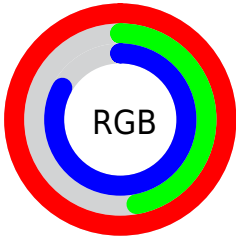
Format	Color
R _Y B	255, 119, 211
Decimal	16742355
CIE Lab	69.00, 62.47, -22.74
CIE LCh	69, 66.477, 339.996
Yxy	39.3444, 0.3627, 0.2379
Android (android.graphics.Color)	4294932435 (0xFFFF77D3)
YUV	170.1520, 20.1381, 74.4117
Hunter-Lab	62.7251, 60.8897, -18.5124

Details

The CIELCh color $69, 66.477, 339.996$ is a light color, and the websafe version is hex `FF66CC`. A complement of this color would be $91, 65.705, 149.932$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $82, 49.432, 326.132$, and $49, 66.001, 339.705$ is the 20% darker color. If you saturate the color by 10%, you get $65, 76.074, 340.853$, and if you desaturate by 10%, it is $74, 54.920, 338.717$.

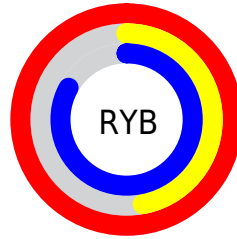
Distribution



Red (100%)

Green (47%)

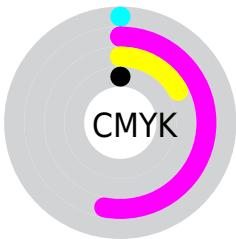
Blue (83%)



Red (100%)

Yellow (47%)

Blue (83%)

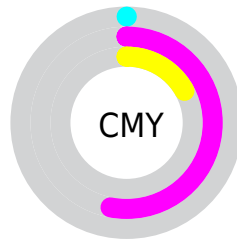


Cyan (0%)

Magenta (53%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 66.477, 339.996 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 69, 66.477, 339.996 by changing the saturation by 10% instead.


 69, 66.477,
339.996


 69, 66.477,
339.996


 100, 66.477,
339.996


 59, 66.477,
339.996


 89, 66.477,
339.996

 49, 66.477,
339.996

 99, 66.477,
339.996

 39, 66.477,
339.996

 29, 66.477,
339.996

 19, 66.477,
339.996

 9, 66.477, 339.996

 0, 66.477, 339.996

69, 66.477,
339.996

69, 66.477,
339.996

65, 76.074,
340.853

74, 54.920,
338.717

61, 83.689,
342.171

79, 42.626,
337.810

59, 88.586,
343.750

85, 29.866,
336.974

57, 90.569,
345.679

91, 16.989,
336.191

56, 90.619,
347.168

98, 4.225, 335.396

100, 0.012,
296.813

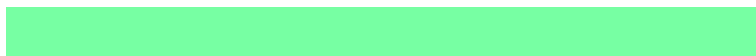
Harmonies

Complementary

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



69, 66.477, 339.996



91, 65.705, 149.932

Rectangle

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



69, 66.477, 339.996



69, 66.477, 29.996



69, 66.477, 159.996



69, 66.477, 209.996

Sweetspot

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



69, 66.270, 339.720



90, 20.405, 336.395



60, 77.160, 306.434



47, 13.792, 336.554



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 66.270, 339.720



64, 76.647, 340.933



67, 55.282, 12.401



50, 7.217, 335.898



42, 73.233, 346.732



11, 34.527, 343.829

Inverse Universe

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



69, 66.270, 339.720



64, 76.647, 340.933



92, 43.132, 179.220



50, 7.217, 335.898



42, 73.233, 346.732



11, 34.527, 343.829

Previews

White Background



This preview shows how the CIELCh color 69, 66.477, 339.996 looks on a white background.

Color Contrast Check

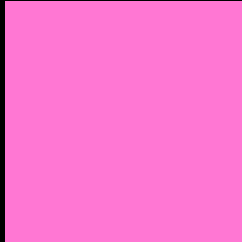
Large Text (above 18pt) WCAG AA × Fail

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 69, 66.477, 339.996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

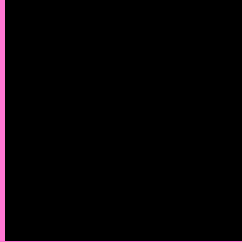
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 66.477, 339.996

Background



This preview shows how black text looks on a background with the CIELCh color 69, 66.477, 339.996.



This preview shows how white text looks on a background with the CIELCh color 69, 66.477, 339.996.

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





Tritanopia
69, 46.543, 17.954

Trichromacy



Original Color
69, 66.267, 339.708



Protanomaly
68, 47.779, 307.769



Deuteranomaly
68, 36.656, 322.454



Tritanomaly
69, 50.488, 1.057

Monochromacy



Original Color
69, 66.267, 339.708



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 26.309, 336.906

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 66.477, 339.996 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, 119, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 211)  
}
```

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, 119, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 66.477, 339.996 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, 119, 211) }
```

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

```
.border{ border-color:rgb(255, 119, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 119, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 66.477, 339.996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 211) }
```

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

```
.background{ background-color: rgb(255,  
119, 211) }
```

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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