

Converting Colors

CIELCh(74, 82.801, 350.224)

Have a look what the booklet for
CIELCh(74, 82.801, 350.224)
contains.

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Color

CIELCh(67, 72.959, 339.128)

Conversions

Conversions Part 1

Format	Color
Hex	FF6AD3
RGB	255, 106, 211
RGB Percent	100%, 42%, 83%
CMY	0.0000, 0.5829, 0.1713
CMYK	0.00, 0.58, 0.17, 0.00
HSL	318°, 100%, 71%
HSV	318°, 58%, 100%
XYZ	58.7547, 36.6320, 65.8083
YIQ	162.5210, 55.0990, 64.2430

Conversions

Conversions Part 2

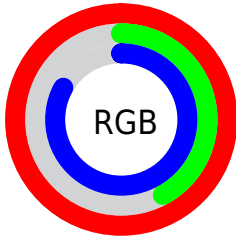
Format	Color
R _Y B	255, 106, 211
Decimal	16739027
CIE Lab	67.00, 68.17, -25.99
CIE LCh	67, 72.959, 339.128
Yxy	36.6320, 0.3645, 0.2273
Android (android.graphics.Color)	4294929107 (0xFFFF6AD3)
YUV	162.5210, 23.9001, 81.1041
Hunter-Lab	60.5244, 67.3634, -22.0992

Details

The CIELCh color $67, 72.959, 339.128$ is a light color, and the websafe version is hex FF66CC . A complement of this color would be $90, 72.808, 148.084$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 56.738, 326.377$, and $47, 72.712, 338.924$ is the 20% darker color. If you saturate the color by 10%, you get $63, 81.650, 339.876$, and if you desaturate by 10%, it is $71, 61.871, 337.795$.

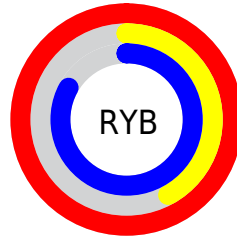
Distribution



Red (100%)

Green (42%)

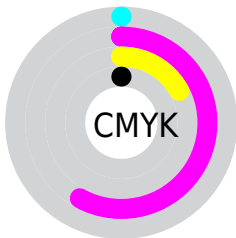
Blue (83%)



Red (100%)

Yellow (42%)

Blue (83%)

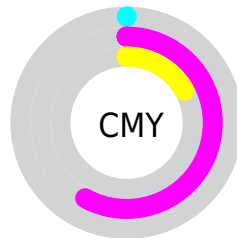


Cyan (0%)

Magenta (58%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (58%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 72.959, 339.128 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, 72.959, 339.128 by changing the saturation by 10% instead.


 67, 72.959,
339.128


 67, 72.959,
339.128

 100, 72.959,
339.128

 57, 72.959,
339.128

 87, 72.959,
339.128

 47, 72.959,
339.128

 97, 72.959,
339.128

 37, 72.959,
339.128

 27, 72.959,
339.128

 17, 72.959,
339.128

 7, 72.959, 339.128

 0, 72.959, 339.128

67, 72.959,
339.128

67, 72.959,
339.128

63, 81.650,
339.876

71, 61.871,
337.795

60, 88.077,
341.156

77, 49.769,
336.905

58, 91.597,
342.683

82, 36.954,
336.082

57, 92.327,
344.529

88, 23.846,
335.310

57, 92.325,
344.865

95, 10.738,
334.570

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, 72.959, 339.128



90, 72.808, 148.084

Rectangle

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



67, 72.959, 339.128



67, 72.959, 29.128



67, 72.959, 159.128



67, 72.959, 209.128

Sweetspot

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



67, 72.711, 338.773



89, 22.152, 335.214



56, 84.642, 305.990



46, 14.831, 335.364



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, 72.711, 338.773



62, 82.943, 340.080



65, 60.358, 11.138



50, 7.372, 334.660



43, 74.607, 344.489



11, 35.144, 341.983

Inverse Universe

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



67, 72.711, 338.773



62, 82.943, 340.080



92, 47.385, 175.765



50, 7.372, 334.660



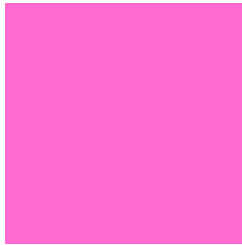
43, 74.607, 344.489



11, 35.144, 341.983

Previews

White Background



This preview shows how the CIELCh color 67, 72.959, 339.128 looks on a white background.

Color Contrast Check

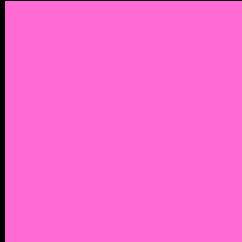
Large Text (above 18pt) WCAG AA × Fail

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, 72.959, 339.128 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, 72.959, 339.128

Background



This preview shows how black text looks on a background with the CIELCh color 67, 72.959, 339.128.

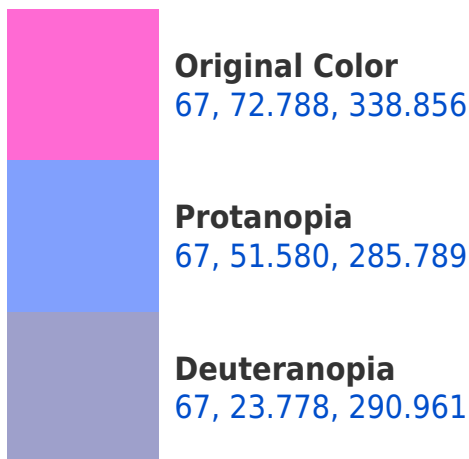


This preview shows how white text looks on a background with the CIELCh color 67, 72.959, 339.128.

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
67, 50.344, 19.730

Trichromacy



Original Color
67, 72.788, 338.856



Protanomaly
65, 55.645, 306.615



Deuteranomaly
65, 40.968, 320.317



Tritanomaly
66, 54.730, 0.933

Monochromacy



Original Color
67, 72.788, 338.856



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 29.395, 335.315

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 72.959, 339.128 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, 106, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 106, 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, 106, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 106, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 72.959, 339.128 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, 106, 211) }
```

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

```
.border{ border-color:rgb(255, 106, 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, 106, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 106, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 106, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 106,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 72.959, 339.128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 106, 211) }
```

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

```
.background{ background-color: rgb(255,  
106, 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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