

Converting Colors

CIELCh(70, 66.878, 335.529)

Have a look what the booklet for
CIELCh(70, 66.878, 335.529)
contains.

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Color

CIELCh(70, 67.196, 335.317)

Conversions

Conversions Part 1

Format	Color
Hex	FD7CDF
RGB	253, 124, 223
RGB Percent	99%, 49%, 87%
CMY	0.0068, 0.5127, 0.1245
CMYK	0.00, 0.51, 0.12, 0.01
HSL	314°, 97%, 74%
HSV	314°, 51%, 99%
XYZ	61.1947, 40.7494, 74.6274
YIQ	173.8570, 45.1050, 58.1370

Conversions

Conversions Part 2

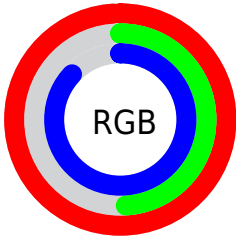
Format	Color
R _Y B	253, 124, 223
Decimal	16612575
CIE Lab	70.00, 61.06, -28.06
CIE LCh	70, 67.196, 335.317
Yxy	40.7494, 0.3466, 0.2308
Android (android.graphics.Color)	4294802655 (0xFFFD7CDF)
YUV	173.8570, 24.2275, 69.4084
Hunter-Lab	63.8353, 59.4045, -24.6290

Details

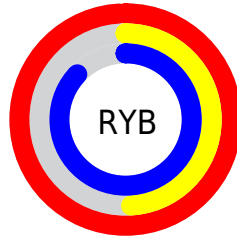
The CIELCh color **70, 67.196, 335.317** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 67.251, 146.950**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 46.967, 326.049**, and **50, 67.222, 335.238** is the 20% darker color. If you saturate the color by 10%, you get **66, 77.917, 336.155**, and if you desaturate by 10%, it is **75, 54.991, 334.532**.

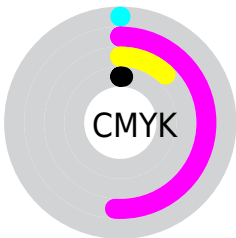
Distribution



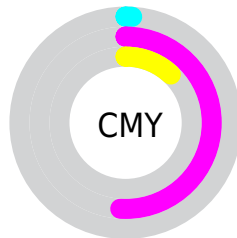
- Red (99%)
- Green (49%)
- Blue (87%)



- Red (99%)
- Yellow (49%)
- Blue (87%)



- Cyan (0%)
- Magenta (51%)
- Yellow (12%)
- Black (1%)





- Cyan (1%)
- Magenta (51%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 67.196, 335.317 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 70, 67.196, 335.317 by changing the saturation by 10% instead.


 70, 67.196,
335.317


 70, 67.196,
335.317


 100, 67.196,
335.317


 60, 67.196,
335.317


 90, 67.196,
335.317

 50, 67.196,
335.317

 40, 67.196,
335.317

 30, 67.196,
335.317

 20, 67.196,
335.317

 10, 67.196,
335.317

 0, 67.196, 335.317

70, 67.196,
335.317

70, 67.196,
335.317

66, 77.917,
336.155

75, 54.991,
334.532

62, 86.521,
337.068

80, 41.896,
333.785

59, 92.437,
338.091

86, 28.371,
333.070

58, 95.377,
339.273

92, 14.753,
332.379

57, 95.822,
340.507

99, 1.266, 331.457

100, 0.603,
200.466

Harmonies

Complementary

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



70, 67.196, 335.317



90, 67.251, 146.950

Rectangle

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



70, 67.196, 335.317



70, 67.196, 25.317



70, 67.196, 155.317



70, 67.196, 205.317

Sweetspot

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



70, 67.193, 335.317



91, 20.389, 332.658



60, 72.937, 303.386



47, 13.924, 332.804



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 67.193, 335.317



66, 78.401, 336.162



68, 52.838, 4.234



50, 7.702, 332.281



43, 77.800, 340.248



11, 36.529, 338.473

Inverse Universe

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



70, 67.193, 335.317



66, 78.401, 336.162



92, 44.819, 171.557



50, 7.702, 332.281



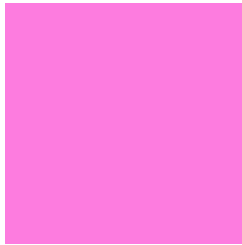
43, 77.800, 340.248



11, 36.529, 338.473

Previews

White Background



This preview shows how the CIELCh color 70, 67.196, 335.317 looks on a white background.

Color Contrast Check

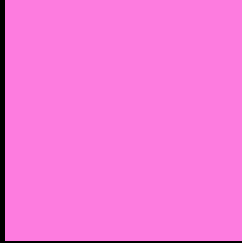
Large Text (above 18pt) WCAG AA × Fail

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 70, 67.196, 335.317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

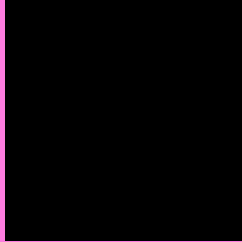
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 67.196, 335.317

Background



This preview shows how black text looks on a background with the CIELCh color 70, 67.196, 335.317.

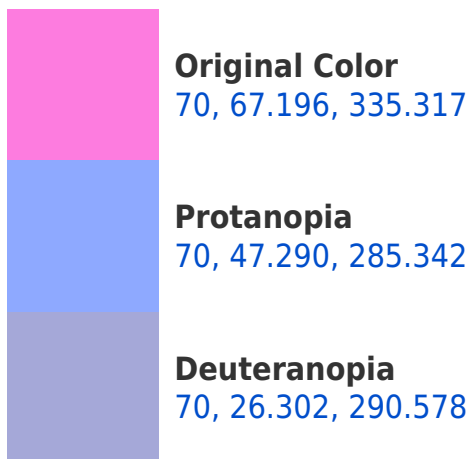


This preview shows how white text looks on a background with the CIELCh color 70, 67.196, 335.317.

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
70, 42.171, 16.615

Trichromacy



Original Color
70, 67.196, 335.317



Protanomaly
69, 50.464, 305.173



Deuteranomaly
69, 39.969, 316.144



Tritanomaly
70, 47.710, 356.782

Monochromacy



Original Color
70, 67.196, 335.317



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 26.196, 333.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 67.196, 335.317 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, 124, 223)` looks like.

```
.text, #text, p{  
    color:rgb(253, 124, 223)  
}
```

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, 124, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 124, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 67.196, 335.317 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, 124, 223) }
```

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

```
.border{ border-color:rgb(253, 124, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 124, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 124, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 124, 223);  
box-shadow:4px 4px 4px 4px rgb(253, 124,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 67.196, 335.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 124, 223) }
```

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

```
.background{ background-color: rgb(253,  
124, 223) }
```

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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