

Converting Colors

CIELCh(66, 71.500, 342.259)

Have a look what the booklet for
CIELCh(66, 71.500, 342.259)
contains.

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Color

CIELCh(66, 71.238, 342.073)

Conversions

Conversions Part 1

Format	Color
Hex	FF67C9
RGB	255, 103, 201
RGB Percent	100%, 40%, 79%
CMY	0.0000, 0.5948, 0.2105
CMYK	0.00, 0.59, 0.21, 0.00
HSL	321°, 100%, 70%
HSV	321°, 59%, 100%
XYZ	56.8302, 35.3238, 59.2765
YIQ	159.6200, 59.1340, 62.7020

Conversions

Conversions Part 2

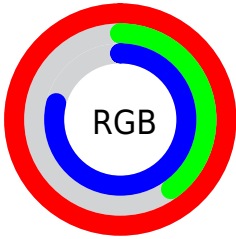
Format	Color
R_{YB}	255, 103, 201
Decimal	16738249
CIE _{Lab}	66.00, 67.78, -21.93
CIE _{LCh}	66, 71.238, 342.073
Yxy	35.3238, 0.3753, 0.2333
Android (android.graphics.Color)	4294928329 (0xFFFF67C9)
YUV	159.6200, 20.4003, 83.6483
Hunter-Lab	59.4338, 66.6711, -17.5293

Details

The CIELCh color **66, 71.238, 342.073** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 70.599, 150.216**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 58.540, 326.437**, and **46, 71.250, 342.066** is the 20% darker color. If you saturate the color by 10%, you get **62, 79.586, 343.353**, and if you desaturate by 10%, it is **71, 60.848, 340.816**.

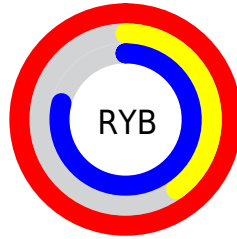
Distribution



Red (100%)

Green (40%)

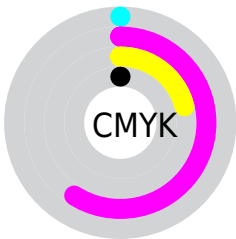
Blue (79%)



Red (100%)

Yellow (40%)

Blue (79%)

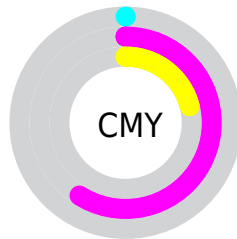


Cyan (0%)

Magenta (59%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (59%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 71.238, 342.073 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 66, 71.238, 342.073 by changing the saturation by 10% instead.


 66, 71.238,
342.073


 66, 71.238,
342.073


 100, 71.238,
342.073


 56, 71.238,
342.073


 86, 71.238,
342.073

 46, 71.238,
342.073

 96, 71.238,
342.073

 36, 71.238,
342.073

 26, 71.238,
342.073

 16, 71.238,
342.073

 6, 71.238, 342.073

 0, 71.238, 342.073

66, 71.238,
342.073

66, 71.238,
342.073

62, 79.586,
343.353

71, 60.848,
340.816

59, 85.503,
344.995

76, 49.261,
339.786

57, 88.570,
347.015

82, 36.960,
338.857

56, 89.067,
349.486

88, 24.365,
338.006

56, 89.069,
349.623

94, 11.771,
337.207

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.



66, 71.238, 342.073



90, 70.599, 150.216

Rectangle

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



66, 71.238, 342.073



66, 71.238, 32.073



66, 71.238, 162.073



66, 71.238, 212.073

Sweetspot

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



66, 71.169, 341.987



89, 22.502, 337.886



56, 86.392, 307.870



45, 15.659, 338.124



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 71.169, 341.987



62, 80.662, 343.584



64, 62.037, 16.605



50, 7.063, 337.209



42, 71.978, 349.122



11, 33.945, 345.791

Inverse Universe

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



66, 71.169, 341.987



62, 80.662, 343.584



92, 45.534, 181.488



50, 7.063, 337.209



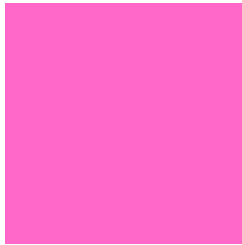
42, 71.978, 349.122



11, 33.945, 345.791

Previews

White Background



This preview shows how the CIELCh color 66, 71.238, 342.073 looks on a white background.

Color Contrast Check

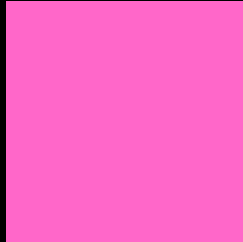
Large Text (above 18pt) WCAG AA × Fail

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 66, 71.238, 342.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

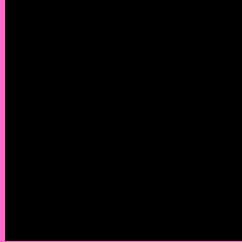
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 71.238, 342.073

Background



This preview shows how black text looks on a background with the CIELCh color 66, 71.238, 342.073.

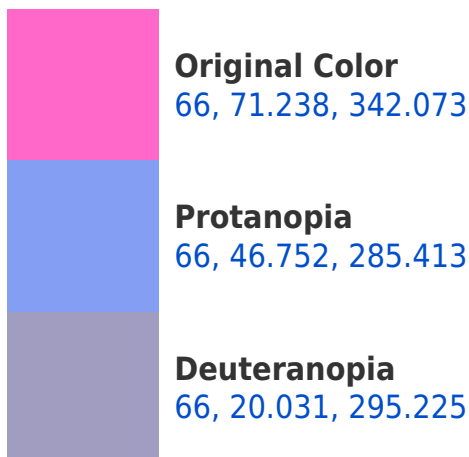


This preview shows how white text looks on a background with the CIELCh color 66, 71.238, 342.073.

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





Tritanopia
66, 52.701, 20.944

Trichromacy



Original Color
66, 71.238, 342.073



Protanomaly
64, 51.185, 308.692



Deuteranomaly
65, 38.645, 325.577



Tritanomaly
66, 55.817, 4.158

Monochromacy



Original Color
66, 71.238, 342.073



Achromatopsia
66, 0.008, 296.813



Achromatomaly
64, 28.902, 338.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 71.238, 342.073 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, 103, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 103, 201)  
}
```

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, 103, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 103, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 71.238, 342.073 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, 103, 201) }
```

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

```
.border{ border-color:rgb(255, 103, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 103, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 103, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 103, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 103,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 71.238, 342.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 103, 201) }
```

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

```
.background{ background-color: rgb(255,  
103, 201) }
```

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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