

Converting Colors

CIELCh(66, 64.861, 340.514)

Have a look what the booklet for
CIELCh(66, 64.861, 340.514)
contains.

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Color

CIELCh(66, 65.049, 340.436)

Conversions

Conversions Part 1

Format	Color
Hex	F670C9
RGB	246, 112, 201
RGB Percent	96%, 44%, 79%
CMY	0.0360, 0.5614, 0.2124
CMYK	0.00, 0.55, 0.18, 0.04
HSL	320°, 88%, 70%
HSV	320°, 55%, 96%
XYZ	54.2453, 35.3238, 59.1186
YIQ	162.2120, 51.2950, 56.0870

Conversions

Conversions Part 2

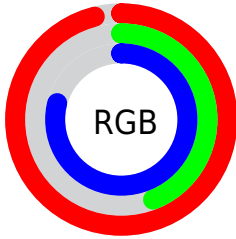
Format	Color
R _Y B	246, 112, 201
Decimal	16150729
CIE Lab	66.00, 61.29, -21.78
CIE LCh	66, 65.049, 340.436
Yxy	35.3238, 0.3648, 0.2376
Android (android.graphics.Color)	4294340809 (0xFFFF670C9)
YUV	162.2120, 19.1225, 73.4821
Hunter-Lab	59.4338, 58.9078, -17.3718

Details

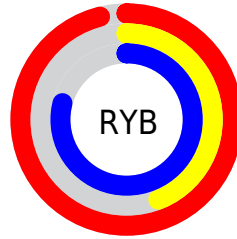
The CIELCh color $66, 65.049, 340.436$ is a light color, and the websafe version is hex FF66CC . A complement of this color would be $88, 64.414, 150.252$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 54.319, 326.296$, and $46, 65.299, 340.422$ is the 20% darker color. If you saturate the color by 10%, you get $62, 74.315, 341.627$, and if you desaturate by 10%, it is $71, 54.228, 339.393$.

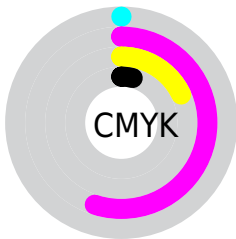
Distribution



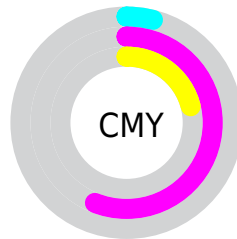
- Red (96%)
- Green (44%)
- Blue (79%)



- Red (96%)
- Yellow (44%)
- Blue (79%)



- Cyan (0%)
- Magenta (55%)
- Yellow (18%)
- Black (4%)





- Cyan (4%)
- Magenta (56%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 65.049, 340.436 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, 65.049, 340.436 by changing the saturation by 10% instead.


 66, 65.049,
340.436


 66, 65.049,
340.436


 100, 65.049,
340.436


 56, 65.049,
340.436


 86, 65.049,
340.436

 46, 65.049,
340.436

 96, 65.049,
340.436

 36, 65.049,
340.436

 26, 65.049,
340.436

 16, 65.049,
340.436

 6, 65.049, 340.436

 0, 65.049, 340.436

66, 65.049,
340.436

66, 65.049,
340.436

62, 74.315,
341.627

71, 54.228,
339.393

59, 81.417,
343.023

76, 42.450,
338.455

56, 85.862,
344.708

82, 30.186,
337.597

55, 87.508,
346.780

88, 17.785,
336.798

54, 87.550,
348.078

94, 5.478, 336.011

99, 3.993, 163.195

99, 3.173, 199.413

Harmonies

Complementary

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



66, 65.049, 340.436



88, 64.414, 150.252

Rectangle

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



66, 65.049, 340.436



66, 65.049, 30.436



66, 65.049, 160.436



66, 65.049, 210.436

Sweetspot

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



66, 65.046, 340.437



90, 20.233, 336.917



57, 76.622, 306.997



47, 13.677, 337.079



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, 65.046, 340.437



64, 76.934, 341.707



64, 54.926, 13.942



48, 6.919, 336.410



41, 71.293, 347.620



10, 32.575, 344.265

Inverse Universe

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



66, 65.046, 340.437



64, 76.934, 341.707



89, 42.044, 180.556



48, 6.919, 336.410



41, 71.293, 347.620



10, 32.575, 344.265

Previews

White Background



This preview shows how the CIELCh color 66, 65.049, 340.436 looks on a white background.

Color Contrast Check

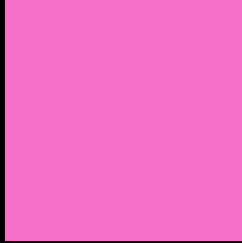
Large Text (above 18pt) WCAG AA × Fail

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, 65.049, 340.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

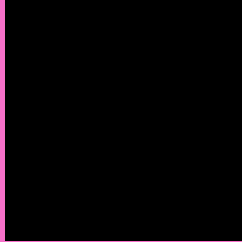
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 65.049, 340.436

Background



This preview shows how black text looks on a background with the CIELCh color 66, 65.049, 340.436.



This preview shows how white text looks on a background with the CIELCh color 66, 65.049, 340.436.

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, 46.185, 18.673

Trichromacy



Original Color
66, 65.049, 340.436



Protanomaly
65, 47.117, 308.132



Deuteranomaly
65, 35.353, 323.327



Tritanomaly
66, 50.095, 0.888

Monochromacy



Original Color
66, 65.049, 340.436



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 25.242, 337.498

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 65.049, 340.436 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(246, 112, 201)` looks like.

```
.text, #text, p{  
    color:rgb(246, 112, 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(246, 112, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 112, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 65.049, 340.436 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(246, 112, 201) }
```

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

```
.border{ border-color:rgb(246, 112, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 112, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 112, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 112, 201);  
box-shadow:4px 4px 4px 4px rgb(246, 112,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 65.049, 340.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 112, 201) }
```

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

```
.background{ background-color: rgb(246,  
112, 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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