

Converting Colors

CIELCh(68, 61.325, 346.350)

Have a look what the booklet for
CIELCh(68, 61.325, 346.350)
contains.

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Color

CIELCh(68, 61.516, 346.518)

Conversions

Conversions Part 1

Format	Color
Hex	FE76C1
RGB	254, 118, 193
RGB Percent	100%, 46%, 76%
CMY	0.0031, 0.5365, 0.2424
CMYK	0.00, 0.54, 0.24, 0.00
HSL	327°, 99%, 73%
HSV	327°, 54%, 100%
XYZ	57.0986, 37.9720, 54.8844
YIQ	167.2140, 56.9810, 52.1570

Conversions

Conversions Part 2

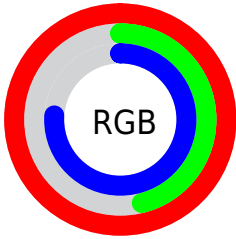
Format	Color
RYB	254, 118, 193
Decimal	16676545
CIELab	68.00, 59.82, -14.34
CIELCh	68, 61.516, 346.518
Yxy	37.9720, 0.3808, 0.2532
Android (android.graphics.Color)	4294866625 (0xFFFE76C1)
YUV	167.2140, 12.7125, 76.1113
Hunter-Lab	61.6215, 57.5610, -9.6728

Details

The CIELCh color **68, 61.516, 346.518** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **91, 59.242, 155.261**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **81, 48.197, 328.327**, and **48, 61.448, 346.615** is the 20% darker color. If you saturate the color by 10%, you get **64, 70.796, 348.124**, and if you desaturate by 10%, it is **73, 50.853, 345.172**.

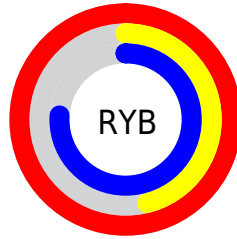
Distribution



Red (100%)

Green (46%)

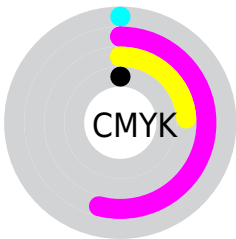
Blue (76%)



Red (100%)

Yellow (46%)

Blue (76%)

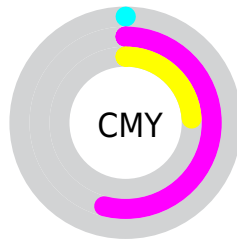


Cyan (0%)

Magenta (54%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 61.516, 346.518 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 68, 61.516, 346.518 by changing the saturation by 10% instead.


 68, 61.516,
346.518


 68, 61.516,
346.518


 100, 61.516,
346.518


 58, 61.516,
346.518


 88, 61.516,
346.518

 48, 61.516,
346.518

 98, 61.516,
346.518

 38, 61.516,
346.518

 28, 61.516,
346.518

 18, 61.516,
346.518

 8, 61.516, 346.518

 0, 61.516, 346.518

68, 61.516,
346.518

68, 61.516,
346.518

64, 70.796,
348.124

73, 50.853,
345.172

60, 78.084,
350.089

79, 39.390,
344.011

57, 82.873,
352.550

85, 27.574,
342.985

56, 85.017,
355.656

91, 15.721,
342.058

55, 85.362,
358.018

97, 4.037, 341.144

100, 0.274,
201.810

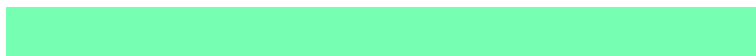
Harmonies

Complementary

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



68, 61.516, 346.518



91, 59.242, 155.261

Rectangle

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



68, 61.516, 346.518



68, 61.516, 36.518



68, 61.516, 166.518



68, 61.516, 216.518

Sweetspot

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



68, 61.513, 346.519



90, 18.719, 342.283



61, 77.486, 309.822



46, 12.660, 342.471



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 61.513, 346.519



64, 71.387, 348.214



66, 56.380, 21.238



50, 6.609, 341.705



41, 69.076, 357.309



11, 32.446, 352.522

Inverse Universe

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



68, 61.513, 346.519



64, 71.387, 348.214



92, 39.885, 190.125



50, 6.609, 341.705



41, 69.076, 357.309



11, 32.446, 352.522

Previews

White Background



This preview shows how the CIELCh color 68, 61.516, 346.518 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 68, 61.516, 346.518 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 68, 61.516, 346.518

Background



This preview shows how black text looks on a background with the CIELCh color 68, 61.516, 346.518.



This preview shows how white text looks on a background with the CIELCh color 68, 61.516, 346.518.

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
68, 48.847, 19.246

Trichromacy



Original Color
68, 61.516, 346.518



Protanomaly
67, 39.098, 314.051



Deuteranomaly
67, 31.516, 334.058



Tritanomaly
68, 51.121, 5.426

Monochromacy



Original Color
68, 61.516, 346.518



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 24.315, 342.657

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 61.516, 346.518 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(254, 118, 193)` looks like.

```
.text, #text, p{  
    color:rgb(254, 118, 193)  
}
```

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(254, 118, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 118, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 61.516, 346.518 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(254, 118, 193) }
```

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

```
.border{ border-color:rgb(254, 118, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 118, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 118, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 118, 193);  
box-shadow:4px 4px 4px 4px rgb(254, 118,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 61.516, 346.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 118, 193) }
```

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

```
.background{ background-color: rgb(254,  
118, 193) }
```

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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