

Converting Colors

CIELCh(68, 65.474, 342.066)

Have a look what the booklet for
CIELCh(68, 65.474, 342.066)
contains.

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Color

CIELCh(68, 65.511, 341.801)

Conversions

Conversions Part 1

Format	Color
Hex	FE74CC
RGB	254, 116, 204
RGB Percent	100%, 45%, 80%
CMY	0.0035, 0.5447, 0.1996
CMYK	0.00, 0.54, 0.20, 0.00
HSL	322°, 99%, 73%
HSV	322°, 54%, 100%
XYZ	58.0840, 37.9720, 61.4601
YIQ	167.2940, 54.0000, 56.6240

Conversions

Conversions Part 2

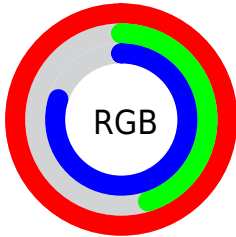
Format	Color
R_{YB}	254, 116, 204
Decimal	16676044
CIE _{Lab}	68.00, 62.23, -20.46
CIE _{LCh}	68, 65.511, 341.801
Yxy	37.9720, 0.3687, 0.2411
Android (android.graphics.Color)	4294866124 (0xFFFE74CC)
YUV	167.2940, 18.0961, 76.0412
Hunter-Lab	61.6215, 60.4154, -15.9997

Details

The CIELCh color **68, 65.511, 341.801** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **91, 64.530, 151.340**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **81, 51.272, 326.194**, and **48, 65.677, 341.556** is the 20% darker color. If you saturate the color by 10%, you get **64, 74.929, 343.089**, and if you desaturate by 10%, it is **73, 54.533, 340.687**.

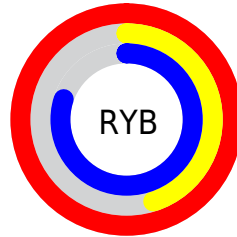
Distribution



Red (100%)

Green (45%)

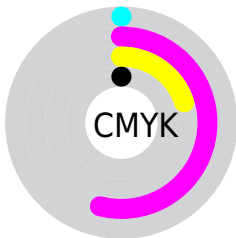
Blue (80%)



Red (100%)

Yellow (45%)

Blue (80%)

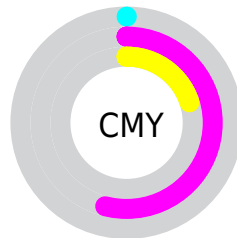


Cyan (0%)

Magenta (54%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 65.511, 341.801 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, 65.511, 341.801 by changing the saturation by 10% instead.


 68, 65.511,
341.801


 68, 65.511,
341.801


 100, 65.511,
341.801


 58, 65.511,
341.801


 88, 65.511,
341.801

 48, 65.511,
341.801


 98, 65.511,
341.801

 38, 65.511,
341.801

 28, 65.511,
341.801

 18, 65.511,
341.801

 8, 65.511, 341.801

 0, 65.511, 341.801

68, 65.511,
341.801

68, 65.511,
341.801

64, 74.929,
343.089

73, 54.533,
340.687

60, 82.162,
344.620

78, 42.605,
339.696

58, 86.701,
346.488

84, 30.207,
338.798

56, 88.405,
348.805

91, 17.688,
337.968

56, 88.442,
350.322

97, 5.281, 337.153

100, 0.307,
201.544

Harmonies

Complementary

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



68, 65.511, 341.801



91, 64.530, 151.340

Rectangle

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



68, 65.511, 341.801



68, 65.511, 31.801



68, 65.511, 161.801



68, 65.511, 211.801

Sweetspot

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



68, 65.508, 341.802



90, 19.860, 338.105



60, 78.450, 307.460



46, 13.426, 338.273



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, 65.508, 341.802



64, 75.717, 343.188



66, 56.318, 15.189



50, 7.021, 337.585



42, 71.654, 349.809



11, 33.791, 346.354

Inverse Universe

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



68, 65.508, 341.802



64, 75.717, 343.188



92, 42.528, 182.065



50, 7.021, 337.585



42, 71.654, 349.809



11, 33.791, 346.354

Previews

White Background



This preview shows how the CIELCh color 68, 65.511, 341.801 looks on a white background.

Color Contrast Check

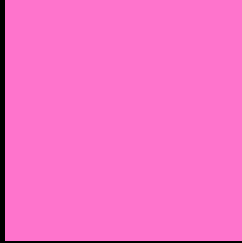
Large Text (above 18pt) WCAG AA × Fail

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, 65.511, 341.801 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, 65.511, 341.801

Background



This preview shows how black text looks on a background with the CIELCh color 68, 65.511, 341.801.

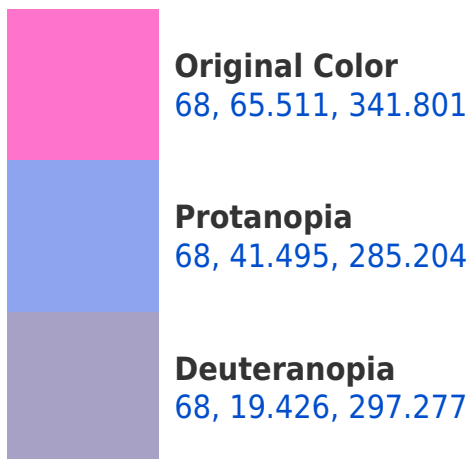


This preview shows how white text looks on a background with the CIELCh color 68, 65.511, 341.801.

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, 48.367, 18.516

Trichromacy



Original Color
68, 65.511, 341.801



Protanomaly
67, 45.401, 309.358



Deuteranomaly
67, 35.907, 325.409



Tritanomaly
68, 51.548, 2.489

Monochromacy



Original Color
68, 65.511, 341.801



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 25.942, 339.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 65.511, 341.801 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, 116, 204)` looks like.

```
.text, #text, p{  
    color:rgb(254, 116, 204)  
}
```

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, 116, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 116, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 65.511, 341.801 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, 116, 204) }
```

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

```
.border{ border-color:rgb(254, 116, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 116, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 116, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 116, 204);  
box-shadow:4px 4px 4px 4px rgb(254, 116,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 65.511, 341.801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 116, 204) }
```

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

```
.background{ background-color: rgb(254,  
116, 204) }
```

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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