

Converting Colors

CIELCh(69, 64.307, 341.806)

Have a look what the booklet for
CIELCh(69, 64.307, 341.806)
contains.

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Color

CIELCh(69, 64.242, 341.672)

Conversions

Conversions Part 1

Format	Color
Hex	FF78CE
RGB	255, 120, 206
RGB Percent	100%, 47%, 81%
CMY	0.0000, 0.5278, 0.1906
CMYK	0.00, 0.53, 0.19, 0.00
HSL	322°, 100%, 74%
HSV	322°, 53%, 100%
XYZ	59.3496, 39.3444, 63.1090
YIQ	170.1690, 52.8540, 55.3660

Conversions

Conversions Part 2

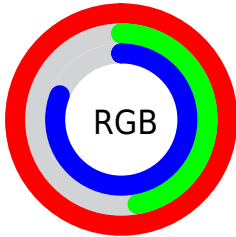
Format	Color
RYB	255, 120, 206
Decimal	16742606
CIELab	69.00, 60.98, -20.20
CIELCh	69, 64.242, 341.672
Yxy	39.3444, 0.3668, 0.2432
Android (android.graphics.Color)	4294932686 (0xFFFF78CE)
YUV	170.1690, 17.6647, 74.3968
Hunter-Lab	62.7251, 59.1251, -15.7453

Details

The CIELCh color **69, 64.242, 341.672** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **91, 63.139, 151.506**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 48.817, 326.112**, and **49, 64.350, 341.371** is the 20% darker color. If you saturate the color by 10%, you get **65, 73.879, 342.810**, and if you desaturate by 10%, it is **74, 52.955, 340.467**.

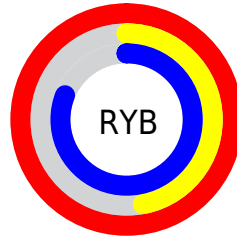
Distribution



Red (100%)

Green (47%)

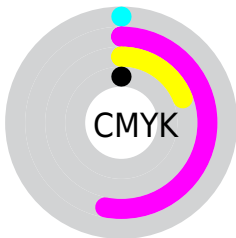
Blue (81%)



Red (100%)

Yellow (47%)

Blue (81%)

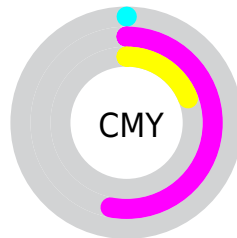


Cyan (0%)

Magenta (53%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 64.242, 341.672 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 69, 64.242, 341.672 by changing the saturation by 10% instead.

 69, 64.242,
341.672

 69, 64.242,
341.672

 100, 64.242,
341.672

 59, 64.242,
341.672

 89, 64.242,
341.672

 49, 64.242,
341.672

 99, 64.242,
341.672

 39, 64.242,
341.672

 29, 64.242,
341.672

 19, 64.242,
341.672

 9, 64.242, 341.672

 0, 64.242, 341.672

69, 64.242,
341.672

69, 64.242,
341.672

65, 73.879,
342.810

74, 52.955,
340.467

61, 81.506,
344.293

80, 40.885,
339.494

58, 86.489,
346.095

86, 28.405,
338.610

57, 88.613,
348.327

92, 15.844,
337.789

56, 88.731,
350.221

98, 3.423, 336.942

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.



69, 64.242, 341.672



91, 63.139, 151.506

Rectangle

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



69, 64.242, 341.672



69, 64.242, 31.672



69, 64.242, 161.672



69, 64.242, 211.672

Sweetspot

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



69, 64.149, 341.557



90, 19.878, 338.048



61, 76.376, 307.338



46, 13.438, 338.216



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 64.149, 341.557



64, 74.069, 342.840



67, 54.817, 14.807



50, 7.027, 337.528



42, 71.702, 349.705



11, 33.814, 346.269

Inverse Universe

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



69, 64.149, 341.557



64, 74.069, 342.840



92, 41.744, 182.229



50, 7.027, 337.528



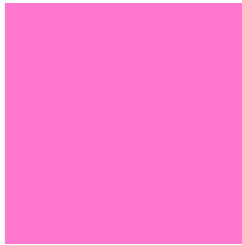
42, 71.702, 349.705



11, 33.814, 346.269

Previews

White Background



This preview shows how the CIELCh color 69, 64.242, 341.672 looks on a white background.

Color Contrast Check

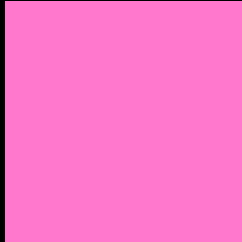
Large Text (above 18pt) WCAG AA × Fail

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 69, 64.242, 341.672 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 69, 64.242, 341.672

Background



This preview shows how black text looks on a background with the CIELCh color 69, 64.242, 341.672.

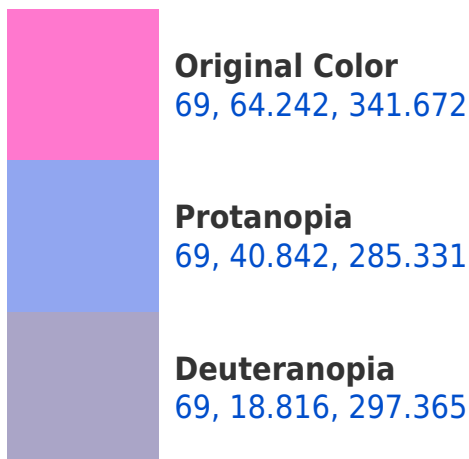


This preview shows how white text looks on a background with the CIELCh color 69, 64.242, 341.672.

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
69, 46.944, 18.058

Trichromacy



Original Color
69, 64.242, 341.672



Protanomaly
68, 45.311, 309.341



Deuteranomaly
68, 34.539, 325.325



Tritanomaly
69, 50.381, 1.654

Monochromacy



Original Color
69, 64.242, 341.672



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 24.958, 339.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 64.242, 341.672 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, 120, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 206)  
}
```

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, 120, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 64.242, 341.672 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, 120, 206) }
```

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

```
.border{ border-color:rgb(255, 120, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 120, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 64.242, 341.672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 206) }
```

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

```
.background{ background-color: rgb(255,  
120, 206) }
```

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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