

Converting Colors

CIELCh(64, 75.268, 342.557)

Have a look what the booklet for
CIELCh(64, 75.268, 342.557)
contains.

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Color

CIELCh(64, 75.101, 342.670)

Conversions

Conversions Part 1

Format	Color
Hex	FF5CC5
RGB	255, 92, 197
RGB Percent	100%, 36%, 77%
CMY	0.0014, 0.6406, 0.2287
CMYK	0.00, 0.64, 0.23, 0.00
HSL	321°, 100%, 68%
HSV	321°, 64%, 100%
XYZ	54.9457, 32.8017, 56.0641
YIQ	152.7070, 63.4430, 67.2110

Conversions

Conversions Part 2

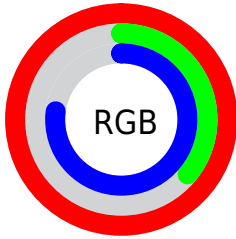
Format	Color
R _Y B	255, 92, 197
Decimal	16735429
CIE Lab	64.00, 71.69, -22.37
CIE LCh	64, 75.101, 342.670
Yxy	32.8017, 0.3821, 0.2281
Android (android.graphics.Color)	4294925509 (0xFFFF5CC5)
YUV	152.7070, 21.8364, 89.7110
Hunter-Lab	57.2727, 71.0202, -17.9478

Details

The CIELCh color **64, 75.101, 342.670** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **90, 74.967, 149.558**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 64.048, 326.905**, and **44, 75.061, 342.558** is the 20% darker color. If you saturate the color by 10%, you get **61, 82.434, 344.159**, and if you desaturate by 10%, it is **68, 65.576, 341.414**.

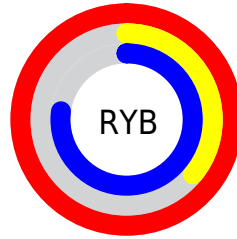
Distribution



Red (100%)

Green (36%)

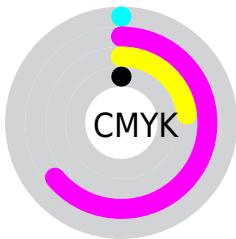
Blue (77%)



Red (100%)

Yellow (36%)

Blue (77%)

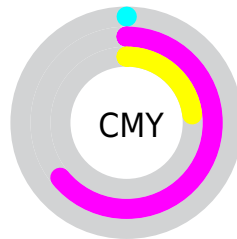


Cyan (0%)

Magenta (64%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (64%)


Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 75.101, 342.670 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 64, 75.101, 342.670 by changing the saturation by 10% instead.

 64, 75.101,
342.670


 64, 75.101,
342.670


 100, 75.101,
342.670


 54, 75.101,
342.670


 84, 75.101,
342.670

 44, 75.101,
342.670

 94, 75.101,
342.670

 34, 75.101,
342.670

 24, 75.101,
342.670

 14, 75.101,
342.670

 4, 75.101, 342.670

 0, 75.101, 342.670

64, 75.101,
342.670

64, 75.101,
342.670

61, 82.434,
344.159

68, 65.576,
341.414

58, 87.073,
345.969

73, 54.509,
340.321

57, 88.856,
348.210

79, 42.496,
339.347

56, 88.895,
349.761

85, 30.018,
338.461

91, 17.423,
337.640

97, 4.942, 336.828

100, 0.124,
204.754

Harmonies

Complementary

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



64, 75.101, 342.670



90, 74.967, 149.558

Rectangle

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



64, 75.101, 342.670



64, 75.101, 32.670



64, 75.101, 162.670



64, 75.101, 212.670

Sweetspot

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



64, 75.097, 342.671



88, 23.737, 338.043



53, 92.910, 308.210



45, 16.358, 338.280



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 75.097, 342.671



60, 84.215, 344.663



62, 66.710, 17.997



50, 7.055, 337.284



42, 71.912, 349.259



11, 33.914, 345.903

Inverse Universe

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



64, 75.097, 342.671



60, 84.215, 344.663



91, 47.785, 180.963



50, 7.055, 337.284



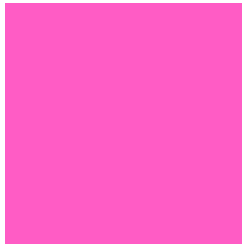
42, 71.912, 349.259



11, 33.914, 345.903

Previews

White Background



This preview shows how the CIELCh color 64, 75.101, 342.670 looks on a white background.

Color Contrast Check

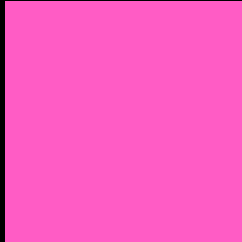
Large Text (above 18pt) WCAG AA × Fail

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 64, 75.101, 342.670 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 64, 75.101, 342.670

Background



This preview shows how black text looks on a background with the CIELCh color 64, 75.101, 342.670.

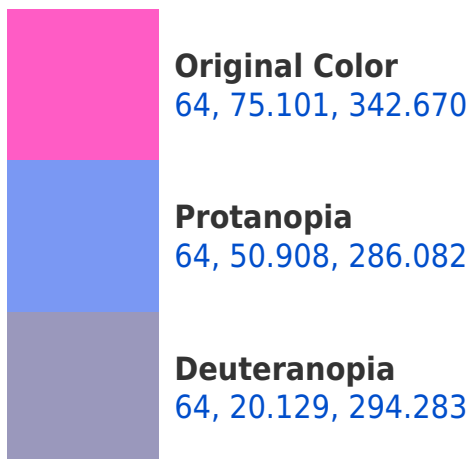


This preview shows how white text looks on a background with the CIELCh color 64, 75.101, 342.670.

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
64, 57.368, 22.263

Trichromacy



Original Color
64, 75.101, 342.670



Protanomaly
62, 55.397, 308.578



Deuteranomaly
62, 40.290, 326.154



Tritanomaly
64, 59.731, 5.163

Monochromacy



Original Color
64, 75.101, 342.670



Achromatopsia
63, 0.008, 296.813



Achromatomaly
61, 30.647, 339.055

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 75.101, 342.670 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, 92, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 197)  
}
```

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, 92, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 75.101, 342.670 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, 92, 197) }
```

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

```
.border{ border-color:rgb(255, 92, 197) }
```

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

Here you see how a box with a 4 pixel rgb(255, 92, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 75.101, 342.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 197) }
```

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

```
.background{ background-color: rgb(255, 92,  
197) }
```

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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