

Converting Colors

CIELCh(64, 74.900, 342.275)

Have a look what the booklet for
CIELCh(64, 74.900, 342.275)
contains.

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Color

CIELCh(64, 74.923, 342.428)

Conversions

Conversions Part 1

Format	Color
Hex	FE5CC5
RGB	254, 92, 197
RGB Percent	100%, 36%, 77%
CMY	0.0035, 0.6387, 0.2270
CMYK	0.00, 0.64, 0.22, 0.00
HSL	321°, 99%, 68%
HSV	321°, 64%, 100%
XYZ	54.8410, 32.8017, 56.3256
YIQ	152.4080, 62.8470, 66.9990

Conversions

Conversions Part 2

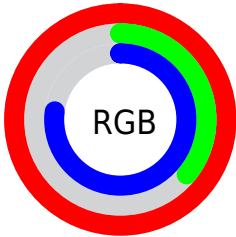
Format	Color
RYB	254, 92, 197
Decimal	16669893
CIELab	64.00, 71.43, -22.62
CIElCh	64, 74.923, 342.428
Yxy	32.8017, 0.3809, 0.2278
Android (android.graphics.Color)	4294859973 (0xFFFE5CC5)
YUV	152.4080, 21.9839, 89.0962
Hunter-Lab	57.2727, 70.6938, -18.2186

Details

The CIELCh color **64, 74.923, 342.428** 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, 74.820, 149.453**, 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, 74.913, 342.579** is the 20% darker color. If you saturate the color by 10%, you get **61, 82.321, 343.891**, and if you desaturate by 10%, it is **68, 65.349, 341.190**.

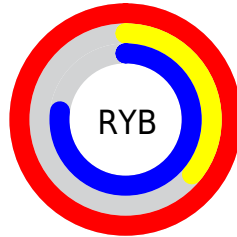
Distribution



Red (100%)

Green (36%)

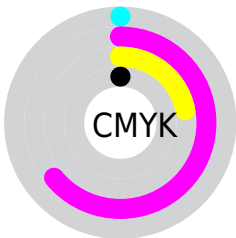
Blue (77%)



Red (100%)

Yellow (36%)

Blue (77%)

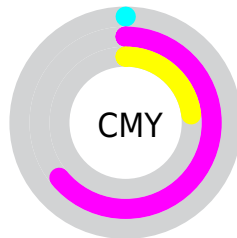


Cyan (0%)

Magenta (64%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (64%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 74.923, 342.428 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, 74.923, 342.428 by changing the saturation by 10% instead.

 64, 74.923,
342.428

 64, 74.923,
342.428


 100, 74.923,
342.428

 54, 74.923,
342.428

 84, 74.923,
342.428

 44, 74.923,
342.428

 94, 74.923,
342.428

 34, 74.923,
342.428

 24, 74.923,
342.428

 14, 74.923,
342.428

 4, 74.923, 342.428

 0, 74.923, 342.428

64, 74.923,
342.428

64, 74.923,
342.428

61, 82.321,
343.891

68, 65.349,
341.190

58, 87.033,
345.666

73, 54.247,
340.111

56, 88.887,
347.860

79, 42.211,
339.147

56, 88.936,
349.449

85, 29.719,
338.268

91, 17.115,
337.454

97, 4.628, 336.641

100, 0.308,
201.540

Harmonies

Complementary

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



64, 74.923, 342.428



90, 74.820, 149.453

Rectangle

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



64, 74.923, 342.428



64, 74.923, 32.428



64, 74.923, 162.428



64, 74.923, 212.428

Sweetspot

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



64, 74.919, 342.429



88, 23.799, 337.875



53, 92.384, 308.191



45, 16.400, 338.111



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, 74.919, 342.429



60, 83.858, 344.262



62, 66.333, 17.911



50, 7.073, 337.119



42, 72.057, 348.958



11, 33.982, 345.656

Inverse Universe

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



64, 74.919, 342.429



60, 83.858, 344.262



91, 47.581, 180.994



50, 7.073, 337.119



42, 72.057, 348.958



11, 33.982, 345.656

Previews

White Background



This preview shows how the CIELCh color 64, 74.923, 342.428 looks on a white background.

Color Contrast Check

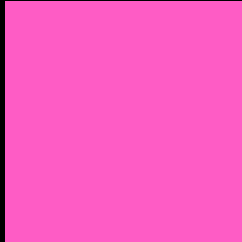
Large Text (above 18pt) WCAG AA × Fail

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, 74.923, 342.428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

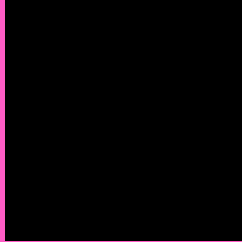
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 74.923, 342.428

Background



This preview shows how black text looks on a background with the CIELCh color 64, 74.923, 342.428.

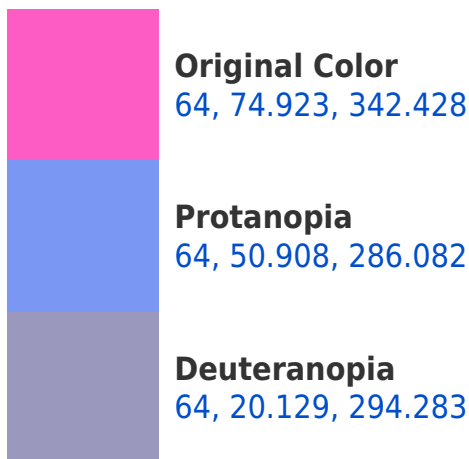


This preview shows how white text looks on a background with the CIELCh color 64, 74.923, 342.428.

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, 56.626, 22.588

Trichromacy



Original Color
64, 74.923, 342.428



Protanomaly
62, 55.397, 308.578



Deuteranomaly
62, 40.119, 325.683



Tritanomaly
64, 59.313, 5.430

Monochromacy



Original Color
64, 74.923, 342.428



Achromatopsia
63, 0.008, 296.813



Achromatomaly
62, 30.618, 339.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 74.923, 342.428 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, 92, 197)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 92, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 92, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 74.923, 342.428 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, 92, 197) }
```

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

```
.border{ border-color:rgb(254, 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(254, 92, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 92, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 92, 197);  
box-shadow:4px 4px 4px 4px rgb(254, 92,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 74.923, 342.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 92, 197) }
```

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

```
.background{ background-color: rgb(254, 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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