

Converting Colors

CIELCh(64, 77.393, 340.033)

Have a look what the booklet for
CIELCh(64, 77.393, 340.033)
contains.

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Color

CIELCh(64, 77.370, 340.061)

Conversions

Conversions Part 1

Format	Color
Hex	FE5BCC
RGB	254, 91, 204
RGB Percent	100%, 36%, 80%
CMY	0.0050, 0.6442, 0.2010
CMYK	0.00, 0.64, 0.20, 0.01
HSL	318°, 98%, 68%
HSV	318°, 64%, 99%
XYZ	55.3585, 32.8017, 60.3820
YIQ	152.6190, 60.8750, 69.6990

Conversions

Conversions Part 2

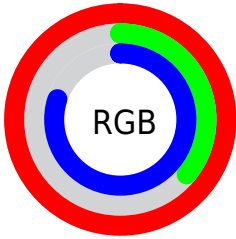
Format	Color
R_{YB}	254, 91, 204
Decimal	16669644
CIE _{Lab}	64.00, 72.73, -26.38
CIE _{LCh}	64, 77.370, 340.061
Yxy	32.8017, 0.3727, 0.2208
Android (android.graphics.Color)	4294859724 (0xFFFE5BCC)
YUV	152.6190, 25.3308, 88.9111
Hunter-Lab	57.2727, 72.3066, -22.4178

Details

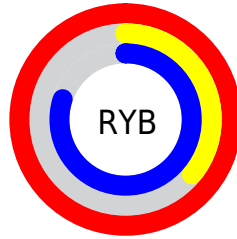
The CIELCh color **64, 77.370, 340.061** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **89, 78.027, 147.630**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 65.041, 326.652**, and **44, 77.581, 340.022** is the 20% darker color. If you saturate the color by 10%, you get **61, 84.797, 341.319**, and if you desaturate by 10%, it is **68, 67.682, 338.973**.

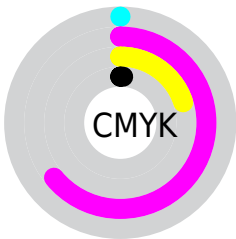
Distribution



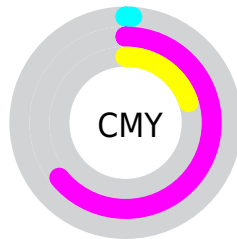
- Red (100%)
- Green (36%)
- Blue (80%)



- Red (100%)
- Yellow (36%)
- Blue (80%)



- Cyan (0%)
- Magenta (64%)
- Yellow (20%)
- Black (1%)





- Cyan (1%)
- Magenta (64%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 77.370, 340.061 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, 77.370, 340.061 by changing the saturation by 10% instead.

 64, 77.370,
340.061


 64, 77.370,
340.061


 100, 77.370,
340.061


 54, 77.370,
340.061


 84, 77.370,
340.061

 44, 77.370,
340.061

 94, 77.370,
340.061

 34, 77.370,
340.061

 24, 77.370,
340.061

 14, 77.370,
340.061

 4, 77.370, 340.061

 0, 77.370, 340.061

64, 77.370,
340.061

64, 77.370,
340.061

61, 84.797,
341.319

68, 67.682,
338.973

58, 89.466,
342.814

73, 56.383,
338.004

57, 91.219,
344.632

79, 44.077,
337.121

56, 91.235,
345.825

84, 31.257,
336.303

91, 18.284,
335.535

97, 5.403, 334.770

100, 0.443,
200.872

Harmonies

Complementary

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



64, 77.370, 340.061



89, 78.027, 147.630

Rectangle

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



64, 77.370, 340.061



64, 77.370, 30.061



64, 77.370, 160.061



64, 77.370, 210.061

Sweetspot

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



64, 77.366, 340.061



88, 24.562, 335.896



52, 93.119, 306.970



45, 16.922, 336.117



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, 77.366, 340.061



60, 86.717, 341.707



62, 66.110, 14.203



50, 7.306, 335.181



42, 74.006, 345.431



11, 34.876, 342.758

Inverse Universe

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



64, 77.366, 340.061



60, 86.717, 341.707



91, 49.853, 176.380



50, 7.306, 335.181



42, 74.006, 345.431



11, 34.876, 342.758

Previews

White Background



This preview shows how the CIELCh color 64, 77.370, 340.061 looks on a white background.

Color Contrast Check

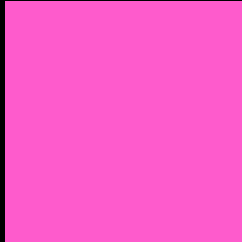
Large Text (above 18pt) WCAG AA × Fail

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, 77.370, 340.061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

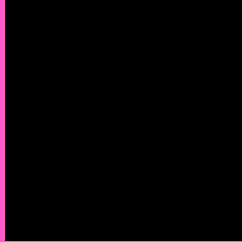
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 77.370, 340.061

Background



This preview shows how black text looks on a background with the CIELCh color 64, 77.370, 340.061.

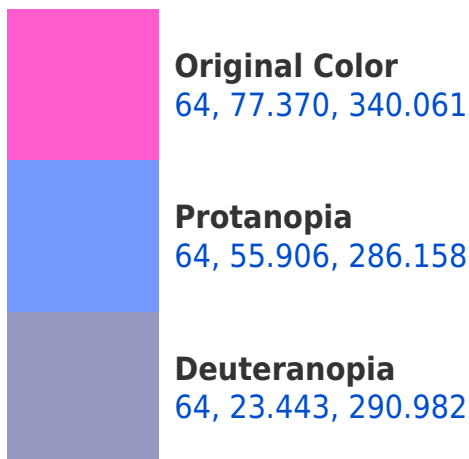


This preview shows how white text looks on a background with the CIELCh color 64, 77.370, 340.061.

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, 55.752, 22.381

Trichromacy



Original Color
64, 77.370, 340.061



Protanomaly
62, 59.438, 306.528



Deuteranomaly
62, 42.995, 321.936



Tritanomaly
64, 59.159, 3.650

Monochromacy



Original Color
64, 77.370, 340.061



Achromatopsia
63, 0.008, 296.813



Achromatomaly
61, 31.717, 336.755

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 77.370, 340.061 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, 91, 204)` looks like.

```
.text, #text, p{  
    color:rgb(254, 91, 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, 91, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 91, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 77.370, 340.061 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, 91, 204) }
```

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

```
.border{ border-color:rgb(254, 91, 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, 91, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 91, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 91, 204);  
box-shadow:4px 4px 4px 4px rgb(254, 91,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 77.370, 340.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 91, 204) }
```

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

```
.background{ background-color: rgb(254, 91,  
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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