

Converting Colors

CIELCh(64, 74.771, 336.795)

Have a look what the booklet for
CIELCh(64, 74.771, 336.795)
contains.

CIELCh(64, 74.997, 336.826)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(64, 74.997, 336.826)

Conversions

Conversions Part 1

Format	Color
Hex	F661D1
RGB	246, 97, 209
RGB Percent	96%, 38%, 82%
CMY	0.0347, 0.6191, 0.1799
CMYK	0.00, 0.61, 0.15, 0.03
HSL	315°, 89%, 67%
HSV	315°, 61%, 97%
XYZ	53.8662, 32.8017, 63.8970
YIQ	154.3190, 52.8520, 66.4200

Conversions

Conversions Part 2

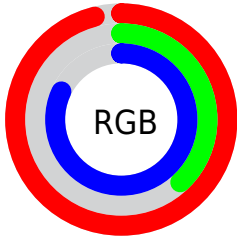
Format	Color
R _Y B	246, 97, 209
Decimal	16146897
CIE Lab	64.00, 68.95, -29.51
CIE LCh	64, 74.997, 336.826
Yxy	32.8017, 0.3578, 0.2179
Android (android.graphics.Color)	4294336977 (0xFFFF661D1)
YUV	154.3190, 26.9577, 80.4042
Hunter-Lab	57.2727, 67.6555, -26.0567

Details

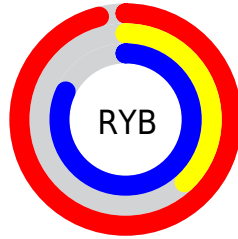
The CIELCh color $64, 74.997, 336.826$ is a light color, and the websafe version is hex FF66CC . A complement of this color would be $87, 75.752, 146.150$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $77, 62.108, 326.555$, and $44, 74.908, 336.811$ is the 20% darker color. If you saturate the color by 10%, you get $60, 83.434, 337.788$, and if you desaturate by 10%, it is $68, 64.530, 335.952$.

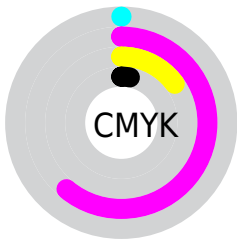
Distribution



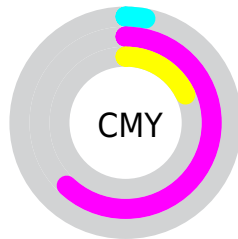
- Red (96%)
- Green (38%)
- Blue (82%)



- Red (96%)
- Yellow (38%)
- Blue (82%)



- Cyan (0%)
- Magenta (61%)
- Yellow (15%)
- Black (3%)



- Cyan (3%)
- Magenta (62%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 74.997, 336.826 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, 74.997, 336.826 by changing the saturation by 10% instead.


 64, 74.997,
336.826

 64, 74.997,
336.826

 100, 74.997,
336.826


 54, 74.997,
336.826


 84, 74.997,
336.826

 44, 74.997,
336.826

 94, 74.997,
336.826

 34, 74.997,
336.826

 24, 74.997,
336.826

 14, 74.997,
336.826

 4, 74.997, 336.826

 0, 74.997, 336.826

64, 74.997,
336.826

64, 74.997,
336.826

60, 83.434,
337.788

68, 64.530,
335.952

58, 89.289,
338.878

73, 52.668,
335.140

56, 92.254,
340.149

79, 39.972,
334.374

55, 92.744,
341.551

84, 26.883,
333.645

90, 13.722,
332.943

97, 0.699, 331.775

99, 3.471, 172.642

99, 3.066, 199.427

Harmonies

Complementary

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



64, 74.997, 336.826



87, 75.752, 146.150

Rectangle

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



64, 74.997, 336.826



64, 74.997, 26.826



64, 74.997, 156.826



64, 74.997, 206.826

Sweetspot

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



64, 74.994, 336.826



89, 24.230, 333.468



52, 85.621, 304.947



46, 16.853, 333.675



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, 74.994, 336.826



62, 87.540, 338.057



62, 60.834, 7.864



48, 7.365, 332.869



42, 75.427, 341.260



10, 34.334, 339.126

Inverse Universe

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



64, 74.994, 336.826



62, 87.540, 338.057



88, 49.519, 171.456



48, 7.365, 332.869



42, 75.427, 341.260



10, 34.334, 339.126

Previews

White Background



This preview shows how the CIELCh color 64, 74.997, 336.826 looks on a white background.

Color Contrast Check

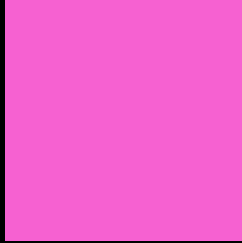
Large Text (above 18pt) WCAG AA × Fail

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, 74.997, 336.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

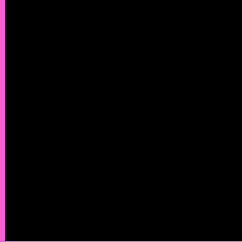
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 74.997, 336.826

Background



This preview shows how black text looks on a background with the CIELCh color 64, 74.997, 336.826.

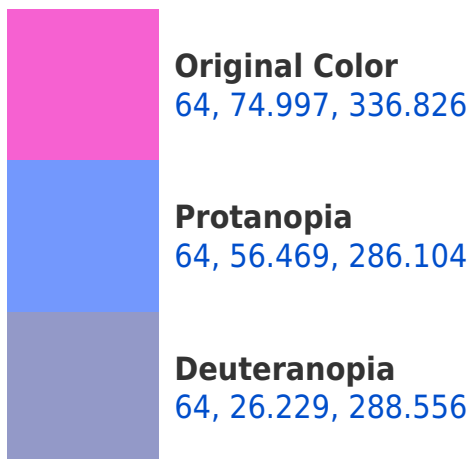


This preview shows how white text looks on a background with the CIELCh color 64, 74.997, 336.826.

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, 49.948, 19.847

Trichromacy



Original Color
64, 74.997, 336.826



Protanomaly
62, 59.678, 304.957



Deuteranomaly
63, 42.782, 317.656



Tritanomaly
64, 54.988, 359.394

Monochromacy



Original Color
64, 74.997, 336.826



Achromatopsia
64, 0.008, 296.813



Achromatomaly
62, 30.654, 334.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 74.997, 336.826 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(246, 97, 209)` looks like.

```
.text, #text, p{  
    color:rgb(246, 97, 209)  
}
```

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(246, 97, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 97, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 74.997, 336.826 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(246, 97, 209) }
```

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

```
.border{ border-color:rgb(246, 97, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 97, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 97, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 97, 209);  
box-shadow:4px 4px 4px 4px rgb(246, 97,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 74.997, 336.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 97, 209) }
```

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

```
.background{ background-color: rgb(246, 97,  
209) }
```

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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