

Converting Colors

CIELCh(66, 74.529, 338.812)

Have a look what the booklet for
CIELCh(66, 74.529, 338.812)
contains.

CIELCh(66, 74.384, 338.962)	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(66, 74.384, 338.962)

Conversions

Conversions Part 1

Format	Color
Hex	FF66D2
RGB	255, 102, 210
RGB Percent	100%, 40%, 82%
CMY	0.0008, 0.6008, 0.1773
CMYK	0.00, 0.60, 0.18, 0.00
HSL	318°, 100%, 70%
HSV	318°, 60%, 100%
XYZ	57.4992, 35.3238, 64.6302
YIQ	160.0590, 56.5200, 66.0240

Conversions

Conversions Part 2

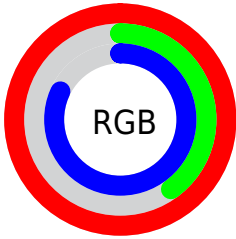
Format	Color
R _Y B	255, 102, 210
Decimal	16738002
CIE Lab	66.00, 69.43, -26.70
CIE LCh	66, 74.384, 338.962
Yxy	35.3238, 0.3652, 0.2243
Android (android.graphics.Color)	4294928082 (0xFFFF66D2)
YUV	160.0590, 24.6209, 83.2633
Hunter-Lab	59.4338, 68.6803, -22.8701

Details

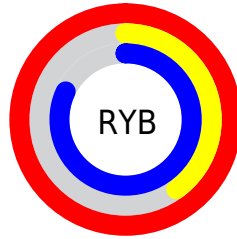
The CIELCh color **66, 74.384, 338.962** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 74.657, 147.823**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 59.138, 326.457**, and **46, 74.195, 339.090** is the 20% darker color. If you saturate the color by 10%, you get **62, 82.914, 340.092**, and if you desaturate by 10%, it is **71, 63.834, 337.965**.

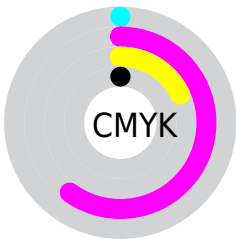
Distribution



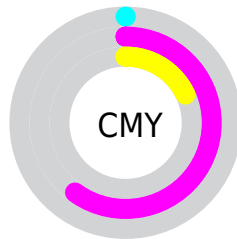
- Red (100%)
- Green (40%)
- Blue (82%)



- Red (100%)
- Yellow (40%)
- Blue (82%)



- Cyan (0%)
- Magenta (60%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 74.384, 338.962 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 66, 74.384, 338.962 by changing the saturation by 10% instead.


 66, 74.384,
338.962


 66, 74.384,
338.962


 100, 74.384,
338.962


 56, 74.384,
338.962


 86, 74.384,
338.962

 46, 74.384,
338.962

 96, 74.384,
338.962

 36, 74.384,
338.962

 26, 74.384,
338.962

 16, 74.384,
338.962

 6, 74.384, 338.962

 0, 74.384, 338.962

66, 74.384,
338.962

66, 74.384,
338.962

62, 82.914,
340.092

71, 63.834,
337.965

59, 88.845,
341.410

76, 51.920,
337.062

58, 91.843,
342.991

81, 39.206,
336.228

57, 92.259,
344.873

87, 26.135,
335.448

93, 13.020,
334.705

100, 0.067,
328.043

100, 0.075,
208.302

Harmonies

Complementary

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



66, 74.384, 338.962



90, 74.657, 147.823

Rectangle

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



66, 74.384, 338.962



66, 74.384, 28.962



66, 74.384, 158.962



66, 74.384, 208.962

Sweetspot

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



66, 74.381, 338.962



89, 23.465, 335.294



55, 87.235, 306.162



45, 16.324, 335.514



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 74.381, 338.962



62, 84.350, 340.333



64, 62.085, 11.633



50, 7.372, 334.665



43, 74.601, 344.498



11, 35.141, 341.991

Inverse Universe

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



66, 74.381, 338.962



62, 84.350, 340.333



91, 48.399, 175.528



50, 7.372, 334.665



43, 74.601, 344.498



11, 35.141, 341.991

Previews

White Background



This preview shows how the CIELCh color 66, 74.384, 338.962 looks on a white background.

Color Contrast Check

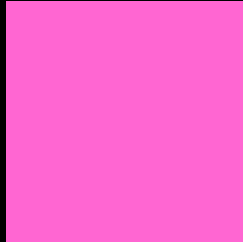
Large Text (above 18pt) WCAG AA × Fail

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 66, 74.384, 338.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

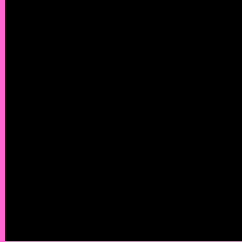
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 74.384, 338.962

Background



This preview shows how black text looks on a background with the CIELCh color 66, 74.384, 338.962.

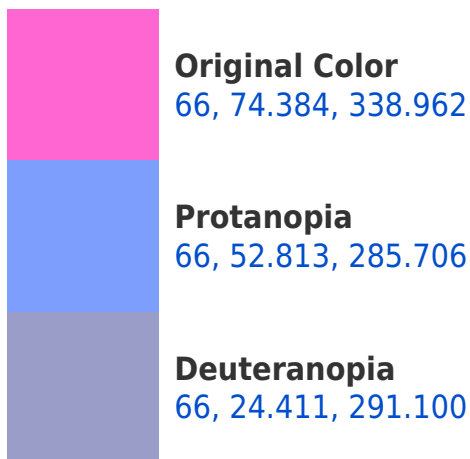


This preview shows how white text looks on a background with the CIELCh color 66, 74.384, 338.962.

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



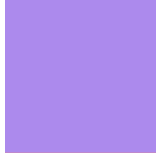


Tritanopia
66, 51.831, 20.728

Trichromacy



Original Color
66, 74.384, 338.962



Protanomaly
64, 56.243, 306.230



Deuteranomaly
64, 41.693, 320.441



Tritanomaly
66, 55.812, 1.743

Monochromacy



Original Color
66, 74.384, 338.962



Achromatopsia
66, 0.008, 296.813



Achromatomaly
64, 29.725, 335.924

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 74.384, 338.962 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, 102, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 210)  
}
```

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, 102, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 74.384, 338.962 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, 102, 210) }
```

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

```
.border{ border-color:rgb(255, 102, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 102, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 74.384, 338.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 210) }
```

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

```
.background{ background-color: rgb(255,  
102, 210) }
```

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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