

Converting Colors

CIELCh(66, 75.689, 337.655)

Have a look what the booklet for
CIELCh(66, 75.689, 337.655)
contains.

CIELCh(66, 75.637, 337.721)	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, 75.637, 337.721)

Conversions

Conversions Part 1

Format	Color
Hex	FE65D5
RGB	254, 101, 213
RGB Percent	100%, 40%, 84%
CMY	0.0026, 0.6026, 0.1635
CMYK	0.00, 0.60, 0.16, 0.00
HSL	316°, 99%, 70%
HSV	316°, 60%, 100%
XYZ	57.7299, 35.3238, 66.9322
YIQ	159.5150, 55.2360, 67.2680

Conversions

Conversions Part 2

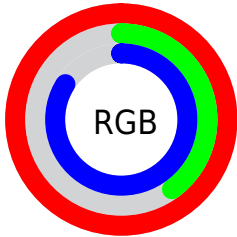
Format	Color
RYB	254, 101, 213
Decimal	16672213
CIELab	66.00, 69.99, -28.68
CIELCh	66, 75.637, 337.721
Yxy	35.3238, 0.3608, 0.2208
Android (android.graphics.Color)	4294862293 (0xFFFE65D5)
YUV	159.5150, 26.3681, 82.8633
Hunter-Lab	59.4338, 69.3732, -25.1665

Details

The CIELCh color **66, 75.637, 337.721** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 76.196, 146.875**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 59.735, 326.477**, and **46, 75.591, 337.753** is the 20% darker color. If you saturate the color by 10%, you get **62, 84.258, 338.754**, and if you desaturate by 10%, it is **70, 64.965, 336.795**.

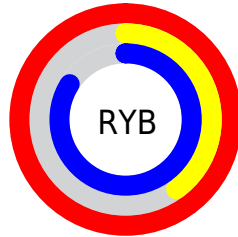
Distribution



Red (100%)

Green (40%)

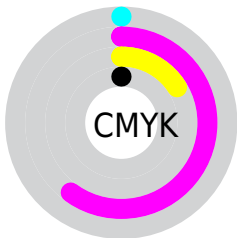
Blue (84%)



Red (100%)

Yellow (40%)

Blue (84%)

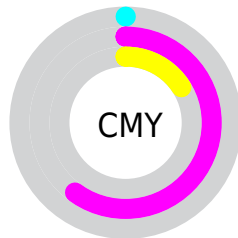


Cyan (0%)

Magenta (60%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (60%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 75.637, 337.721 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, 75.637, 337.721 by changing the saturation by 10% instead.


 66, 75.637,
337.721


 66, 75.637,
337.721


 100, 75.637,
337.721


 56, 75.637,
337.721


 86, 75.637,
337.721

 46, 75.637,
337.721

 96, 75.637,
337.721

 36, 75.637,
337.721

 26, 75.637,
337.721

 16, 75.637,
337.721

 6, 75.637, 337.721

 0, 75.637, 337.721

66, 75.637,
337.721

66, 75.637,
337.721

62, 84.258,
338.754

70, 64.965,
336.795

60, 90.253,
339.939

76, 52.895,
335.945

58, 93.293,
341.339

81, 40.000,
335.150

57, 93.745,
342.969

87, 26.727,
334.399

93, 13.395,
333.679

100, 0.216,
331.220

100, 0.231,
202.263

Harmonies

Complementary

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



66, 75.637, 337.721



90, 76.196, 146.875

Rectangle

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



66, 75.637, 337.721



66, 75.637, 27.721



66, 75.637, 157.721



66, 75.637, 207.721

Sweetspot

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



66, 75.634, 337.721



89, 23.896, 334.242



54, 87.304, 305.748



46, 16.622, 334.455



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, 75.634, 337.721



62, 85.751, 338.960



64, 62.071, 10.371



50, 7.509, 333.633



43, 75.893, 342.644



11, 35.709, 340.460

Inverse Universe

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



66, 75.634, 337.721



62, 85.751, 338.960



91, 49.107, 174.136



50, 7.509, 333.633



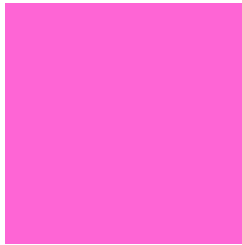
43, 75.893, 342.644



11, 35.709, 340.460

Previews

White Background



This preview shows how the CIELCh color 66, 75.637, 337.721 looks on a white background.

Color Contrast Check

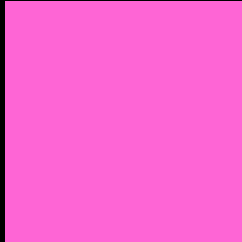
Large Text (above 18pt) WCAG AA × Fail

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, 75.637, 337.721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

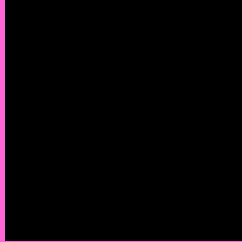
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 75.637, 337.721

Background



This preview shows how black text looks on a background with the CIELCh color 66, 75.637, 337.721.

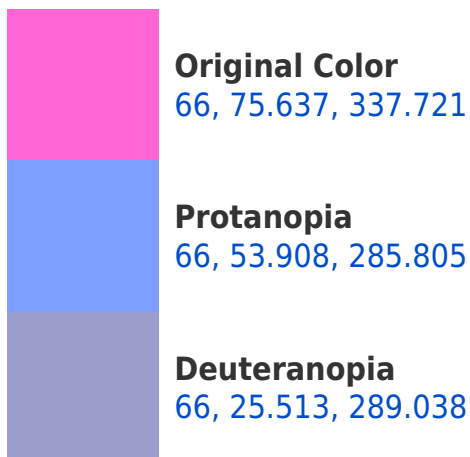


This preview shows how white text looks on a background with the CIELCh color 66, 75.637, 337.721.

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, 51.328, 20.045

Trichromacy



Original Color
66, 75.637, 337.721



Protanomaly
64, 58.414, 305.910



Deuteranomaly
64, 42.991, 318.973



Tritanomaly
66, 56.154, 0.157

Monochromacy



Original Color
66, 75.637, 337.721



Achromatopsia
66, 0.008, 296.813



Achromatomaly
64, 30.099, 335.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 75.637, 337.721 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, 101, 213)` looks like.

```
.text, #text, p{  
    color:rgb(254, 101, 213)  
}
```

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, 101, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 101, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 75.637, 337.721 is called "border". The border property can be set on classes, ids or directly on the HTML element.

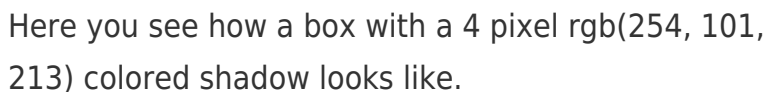
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 101, 213) }
```

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

```
.border{ border-color:rgb(254, 101, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(254, 101, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 101, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 101, 213);  
box-shadow:4px 4px 4px 4px rgb(254, 101,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 75.637, 337.721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 101, 213) }
```

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

```
.background{ background-color: rgb(254,  
101, 213) }
```

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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