

Converting Colors

CIELCh(76, 87.251, 353.214)

Have a look what the booklet for
CIELCh(76, 87.251, 353.214)
contains.

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Color

CIELCh(66, 74.075, 339.286)

Conversions

Conversions Part 1

Format	Color
Hex	FF66D1
RGB	255, 102, 209
RGB Percent	100%, 40%, 82%
CMY	0.0004, 0.6003, 0.1808
CMYK	0.00, 0.60, 0.18, 0.00
HSL	318°, 100%, 70%
HSV	318°, 60%, 100%
XYZ	57.4424, 35.3238, 64.0525
YIQ	159.9450, 56.8410, 65.7130

Conversions

Conversions Part 2

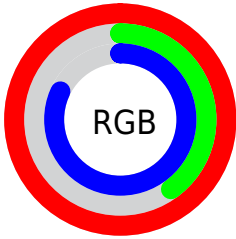
Format	Color
R _Y B	255, 102, 209
Decimal	16738001
CIE Lab	66.00, 69.29, -26.20
CIE LCh	66, 74.075, 339.286
Yxy	35.3238, 0.3663, 0.2253
Android (android.graphics.Color)	4294928081 (0xFFFF66D1)
YUV	159.9450, 24.1841, 83.3632
Hunter-Lab	59.4338, 68.5099, -22.2938

Details

The CIELCh color **66, 74.075, 339.286** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 74.268, 148.070**, 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, 73.887, 339.438** is the 20% darker color. If you saturate the color by 10%, you get **62, 82.583, 340.442**, and if you desaturate by 10%, it is **71, 63.556, 338.270**.

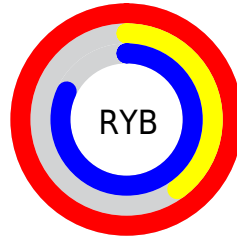
Distribution



Red (100%)

Green (40%)

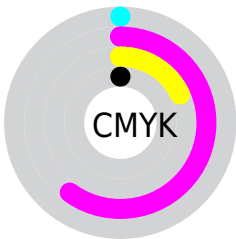
Blue (82%)



Red (100%)

Yellow (40%)

Blue (82%)

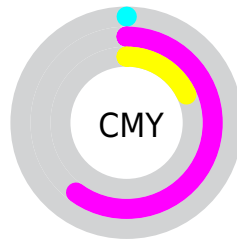


Cyan (0%)

Magenta (60%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (60%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 74.075, 339.286 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, 74.075, 339.286 by changing the saturation by 10% instead.

 66, 74.075,
339.286

 66, 74.075,
339.286

 100, 74.075,
339.286

 56, 74.075,
339.286

 86, 74.075,
339.286

 46, 74.075,
339.286

 96, 74.075,
339.286

 36, 74.075,
339.286

 26, 74.075,
339.286

 16, 74.075,
339.286

 6, 74.075, 339.286

 0, 74.075, 339.286

66, 74.075,
339.286

66, 74.075,
339.286

62, 82.583,
340.442

71, 63.556,
338.270

59, 88.500,
341.795

76, 51.679,
337.353

58, 91.489,
343.423

81, 39.011,
336.509

57, 91.900,
345.373

87, 25.991,
335.721

94, 12.930,
334.972

100, 0.034,
322.358

100, 0.035,
218.673

Harmonies

Complementary

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



66, 74.075, 339.286



90, 74.268, 148.070

Rectangle

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



66, 74.075, 339.286



66, 74.075, 29.286



66, 74.075, 159.286



66, 74.075, 209.286

Sweetspot

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



66, 74.072, 339.286



89, 23.356, 335.568



55, 87.209, 306.590



45, 16.249, 335.790



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, 74.072, 339.286



62, 84.003, 340.692



64, 62.155, 12.917



50, 7.337, 334.934



42, 74.286, 344.984



11, 35.001, 342.391

Inverse Universe

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



66, 74.072, 339.286



62, 84.003, 340.692



92, 47.715, 176.946



50, 7.337, 334.934



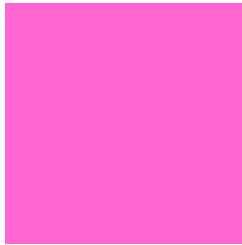
42, 74.286, 344.984



11, 35.001, 342.391

Previews

White Background



This preview shows how the CIELCh color 66, 74.075, 339.286 looks on a white background.

Color Contrast Check

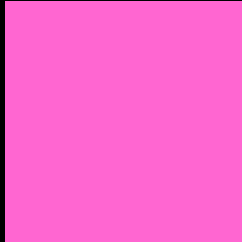
Large Text (above 18pt) WCAG AA × Fail

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, 74.075, 339.286 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, 74.075, 339.286

Background



This preview shows how black text looks on a background with the CIELCh color 66, 74.075, 339.286.

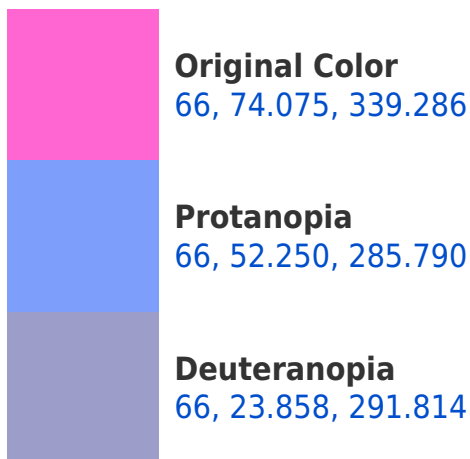


This preview shows how white text looks on a background with the CIELCh color 66, 74.075, 339.286.

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, 52.194, 20.272

Trichromacy



Original Color
66, 74.075, 339.286



Protanomaly
64, 55.758, 306.641



Deuteranomaly
64, 41.363, 321.263



Tritanomaly
66, 56.268, 1.467

Monochromacy



Original Color
66, 74.075, 339.286



Achromatopsia
66, 0.008, 296.813



Achromatomaly
64, 29.974, 336.494

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 74.075, 339.286 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 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(255, 102, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 74.075, 339.286 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, 209) }
```

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

```
.border{ border-color:rgb(255, 102, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 74.075, 339.286 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, 209) }
```

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

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