

Converting Colors

CIELCh(70, 64.682, 338.334)

Have a look what the booklet for
CIELCh(70, 64.682, 338.334)
contains.

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Color

CIELCh(70, 64.682, 338.334)

Conversions

Conversions Part 1

Format	Color
Hex	FF7DD8
RGB	255, 125, 216
RGB Percent	100%, 49%, 85%
CMY	0.0011, 0.5108, 0.1540
CMYK	0.00, 0.51, 0.15, 0.00
HSL	318°, 100%, 74%
HSV	318°, 51%, 100%
XYZ	60.7941, 40.7494, 69.4445
YIQ	174.2440, 48.2690, 55.8610

Conversions

Conversions Part 2

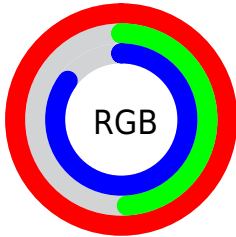
Format	Color
R _Y B	255, 125, 216
Decimal	16743896
CIE Lab	70.00, 60.11, -23.88
CIE LCh	70, 64.682, 338.334
Yxy	40.7494, 0.3555, 0.2383
Android (android.graphics.Color)	4294933976 (0xFFFF7DD8)
YUV	174.2440, 20.5857, 70.8230
Hunter-Lab	63.8353, 58.2844, -19.8151

Details

The CIELCh color **70, 64.682, 338.334** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **91, 64.247, 149.344**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 46.349, 326.028**, and **50, 64.662, 338.448** is the 20% darker color. If you saturate the color by 10%, you get **66, 75.020, 339.360**, and if you desaturate by 10%, it is **75, 52.914, 337.410**.

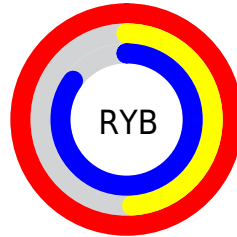
Distribution



Red (100%)

Green (49%)

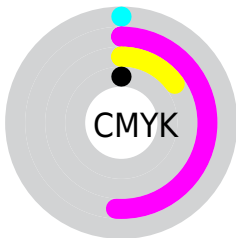
Blue (85%)



Red (100%)

Yellow (49%)

Blue (85%)

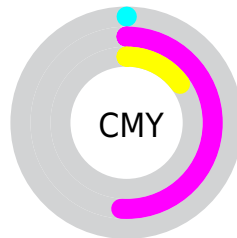


Cyan (0%)

Magenta (51%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 64.682, 338.334 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 70, 64.682, 338.334 by changing the saturation by 10% instead.


 70, 64.682,
338.334


 70, 64.682,
338.334


 100, 64.682,
338.334


 60, 64.682,
338.334


 90, 64.682,
338.334

 50, 64.682,
338.334

 40, 64.682,
338.334

 30, 64.682,
338.334

 20, 64.682,
338.334

 10, 64.682,
338.334

 0, 64.682, 338.334

70, 64.682,
338.334

70, 64.682,
338.334

66, 75.020,
339.360

75, 52.914,
337.410

62, 83.293,
340.530

81, 40.305,
336.561

59, 88.923,
341.903

87, 27.306,
335.769

57, 91.617,
343.558

93, 14.241,
335.018

57, 91.890,
345.318

99, 1.322, 334.047

100, 0.099,
206.096

Harmonies

Complementary

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



70, 64.682, 338.334



91, 64.247, 149.344

Rectangle

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



70, 64.682, 338.334



70, 64.682, 28.334



70, 64.682, 158.334



70, 64.682, 208.334

Sweetspot

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



70, 64.679, 338.334



90, 19.441, 335.313



61, 73.502, 305.269



47, 13.280, 335.471



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 64.679, 338.334



66, 75.062, 339.358



68, 52.773, 9.295



50, 7.341, 334.906



43, 74.319, 344.932



11, 35.016, 342.348

Inverse Universe

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



70, 64.679, 338.334



66, 75.062, 339.358



92, 42.703, 176.708



50, 7.341, 334.906



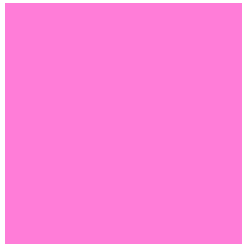
43, 74.319, 344.932



11, 35.016, 342.348

Previews

White Background



This preview shows how the CIELCh color 70, 64.682, 338.334 looks on a white background.

Color Contrast Check

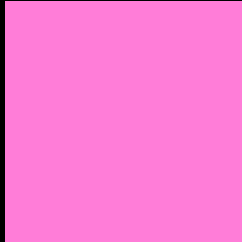
Large Text (above 18pt) WCAG AA × Fail

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 70, 64.682, 338.334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

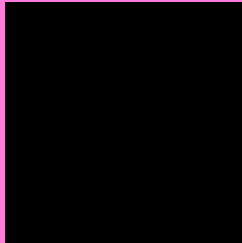
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 64.682, 338.334

Background



This preview shows how black text looks on a background with the CIELCh color 70, 64.682, 338.334.



This preview shows how white text looks on a background with the CIELCh color 70, 64.682, 338.334.

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
70, 44.227, 16.551

Trichromacy



Original Color
70, 64.682, 338.334



Protanomaly
69, 47.529, 307.342



Deuteranomaly
69, 36.675, 320.979



Tritanomaly
70, 48.431, 358.820

Monochromacy



Original Color
70, 64.682, 338.334



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 25.057, 335.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 64.682, 338.334 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, 125, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 216)  
}
```

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, 125, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 64.682, 338.334 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, 125, 216) }
```

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

```
.border{ border-color:rgb(255, 125, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 125, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 64.682, 338.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 216) }
```

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

```
.background{ background-color: rgb(255,  
125, 216) }
```

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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