

Converting Colors

CIELCh(66, 62.480, 349.511)

Have a look what the booklet for
CIELCh(66, 62.480, 349.511)
contains.

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Color

CIELCh(66, 62.646, 349.238)

Conversions

Conversions Part 1

Format	Color
Hex	FC6EB7
RGB	252, 110, 183
RGB Percent	99%, 43%, 72%
CMY	0.0112, 0.5681, 0.2819
CMYK	0.00, 0.56, 0.27, 0.01
HSL	329°, 96%, 71%
HSV	329°, 56%, 99%
XYZ	54.3437, 35.3238, 48.8204
YIQ	160.7800, 61.1990, 52.8070

Conversions

Conversions Part 2

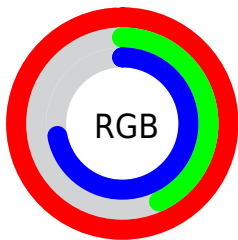
Format	Color
R _Y B	252, 110, 183
Decimal	16543415
CIE Lab	66.00, 61.54, -11.70
CIE LCh	66, 62.646, 349.238
Yxy	35.3238, 0.3924, 0.2551
Android (android.graphics.Color)	4294733495 (0xFFFC6EB7)
YUV	160.7800, 10.9545, 79.9999
Hunter-Lab	59.4338, 59.2032, -7.0986

Details

The CIELCh color **66, 62.646, 349.238** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 59.603, 156.657**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 48.559, 332.114**, and **46, 62.476, 349.314** is the 20% darker color. If you saturate the color by 10%, you get **62, 71.322, 351.100**, and if you desaturate by 10%, it is **71, 52.493, 347.707**.

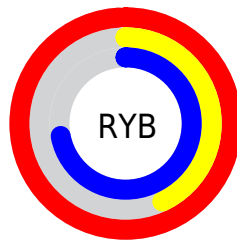
Distribution



Red (99%)

Green (43%)

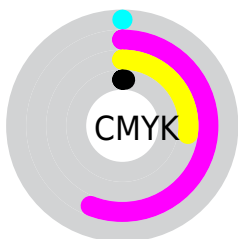
Blue (72%)



Red (99%)

Yellow (43%)

Blue (72%)

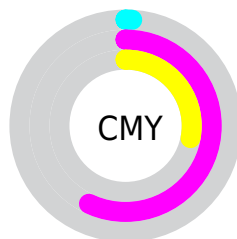


Cyan (0%)

Magenta (56%)

Yellow (27%)

Black (1%)



Cyan (1%)


Magenta (57%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 62.646, 349.238 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, 62.646, 349.238 by changing the saturation by 10% instead.


 66, 62.646,
349.238

 66, 62.646,
349.238


 100, 62.646,
349.238


 56, 62.646,
349.238


 86, 62.646,
349.238

 46, 62.646,
349.238

 96, 62.646,
349.238

 36, 62.646,
349.238

 26, 62.646,
349.238

 16, 62.646,
349.238

 6, 62.646, 349.238

 0, 62.646, 349.238

66, 62.646,
349.238

66, 62.646,
349.238

62, 71.322,
351.100

71, 52.493,
347.707

58, 77.939,
353.417

76, 41.453,
346.410

56, 82.085,
356.349

82, 29.996,
345.285

55, 83.787, 0.050

89, 18.461,
344.286

54, 84.091, 1.557

95, 7.070, 343.356

100, 0.995,
200.008

Harmonies

Complementary

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



66, 62.646, 349.238



90, 59.603, 156.657

Rectangle

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



66, 62.646, 349.238



66, 62.646, 39.238



66, 62.646, 169.238



66, 62.646, 219.238

Sweetspot

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



66, 62.642, 349.239



89, 19.420, 344.351



60, 81.215, 311.454



46, 13.013, 344.546



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, 62.642, 349.239



62, 73.246, 351.462



64, 60.282, 25.541



49, 6.337, 343.651



41, 67.742, 0.743



10, 31.203, 355.120

Inverse Universe

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



66, 62.642, 349.239



62, 73.246, 351.462



92, 40.033, 195.166



49, 6.337, 343.651



41, 67.742, 0.743



10, 31.203, 355.120

Previews

White Background



This preview shows how the CIELCh color 66, 62.646, 349.238 looks on a white background.

Color Contrast Check

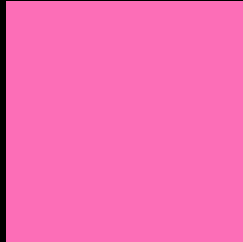
Large Text (above 18pt) WCAG AA × Fail

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, 62.646, 349.238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

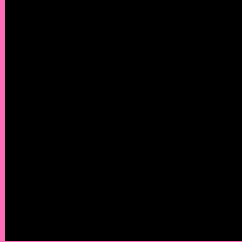
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 62.646, 349.238

Background



This preview shows how black text looks on a background with the CIELCh color 66, 62.646, 349.238.

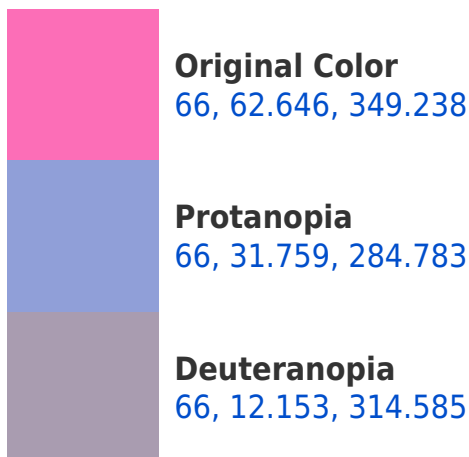


This preview shows how white text looks on a background with the CIELCh color 66, 62.646, 349.238.

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, 62.646, 349.238



Protanomaly
65, 38.052, 315.992



Deuteranomaly
65, 31.346, 337.930



Tritanomaly
66, 53.502, 8.131

Monochromacy



Original Color
66, 62.646, 349.238



Achromatopsia
66, 0.008, 296.813



Achromatomaly
65, 24.149, 345.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 62.646, 349.238 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(252, 110, 183)` looks like.

```
.text, #text, p{  
    color:rgb(252, 110, 183)  
}
```

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(252, 110, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 110, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 62.646, 349.238 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(252, 110, 183) }
```

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

```
.border{ border-color:rgb(252, 110, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 110, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 110, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 110, 183);  
box-shadow:4px 4px 4px 4px rgb(252, 110,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 62.646, 349.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 110, 183) }
```

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

```
.background{ background-color: rgb(252,  
110, 183) }
```

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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