

Converting Colors

CIELCh(64, 68.421, 350.106)

Have a look what the booklet for
CIELCh(64, 68.421, 350.106)
contains.

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Color

CIELCh(64, 68.531, 349.966)

Conversions

Conversions Part 1

Format	Color
Hex	FE60B2
RGB	254, 96, 178
RGB Percent	100%, 38%, 70%
CMY	0.0024, 0.6221, 0.3007
CMYK	0.00, 0.62, 0.30, 0.00
HSL	329°, 99%, 69%
HSV	329°, 62%, 100%
XYZ	53.2968, 32.8017, 45.8169
YIQ	152.5900, 67.8460, 58.9980

Conversions

Conversions Part 2

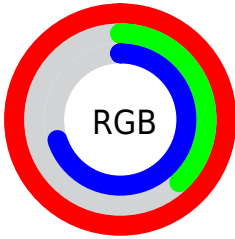
Format	Color
RYB	254, 96, 178
Decimal	16670898
CIELab	64.00, 67.48, -11.94
CIELCh	64, 68.531, 349.966
Yxy	32.8017, 0.4040, 0.2487
Android (android.graphics.Color)	4294860978 (0xFFFE60B2)
YUV	152.5900, 12.5271, 88.9366
Hunter-Lab	57.2727, 65.8810, -7.3398

Details

The CIELCh color **64, 68.531, 349.966** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 65.518, 155.487**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 54.487, 333.454**, and **44, 68.425, 350.029** is the 20% darker color. If you saturate the color by 10%, you get **60, 76.123, 352.051**, and if you desaturate by 10%, it is **69, 59.083, 348.275**.

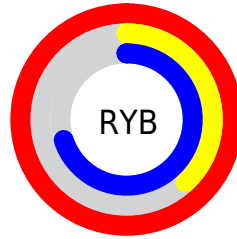
Distribution



Red (100%)

Green (38%)

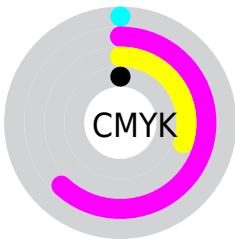
Blue (70%)



Red (100%)

Yellow (38%)

Blue (70%)

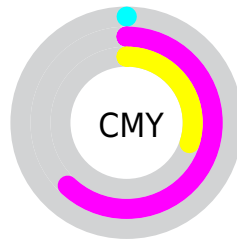


Cyan (0%)

Magenta (62%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (62%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 68.531, 349.966 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 64, 68.531, 349.966 by changing the saturation by 10% instead.

 64, 68.531,
349.966

 64, 68.531,
349.966

 100, 68.531,
349.966

 54, 68.531,
349.966

 84, 68.531,
349.966

 44, 68.531,
349.966

 94, 68.531,
349.966

 34, 68.531,
349.966

 24, 68.531,
349.966

 14, 68.531,
349.966

 4, 68.531, 349.966

 0, 68.531, 349.966

64, 68.531,
349.966

64, 68.531,
349.966

60, 76.123,
352.051

69, 59.083,
348.275

57, 81.351,
354.673

74, 48.403,
346.863

56, 84.019,
357.995

80, 37.034,
345.655

55, 84.727, 1.123

86, 25.399,
344.594

92, 13.787,
343.640

98, 2.383, 342.626

100, 0.215,
202.469

Harmonies

Complementary

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



64, 68.531, 349.966



90, 65.518, 155.487

Rectangle

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



64, 68.531, 349.966



64, 68.531, 39.966



64, 68.531, 169.966



64, 68.531, 219.966

Sweetspot

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



64, 68.527, 349.967



88, 21.811, 344.288



56, 90.001, 311.253



45, 15.045, 344.569



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 68.527, 349.967



59, 78.041, 352.747



62, 67.209, 25.976



50, 6.464, 343.401



41, 68.484, 0.339



10, 32.058, 355.034

Inverse Universe

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



64, 68.527, 349.967



59, 78.041, 352.747



92, 43.229, 193.101



50, 6.464, 343.401



41, 68.484, 0.339



10, 32.058, 355.034

Previews

White Background



This preview shows how the CIELCh color 64, 68.531, 349.966 looks on a white background.

Color Contrast Check

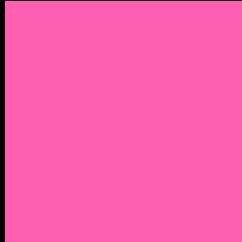
Large Text (above 18pt) WCAG AA × Fail

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 64, 68.531, 349.966 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 64, 68.531, 349.966

Background



This preview shows how black text looks on a background with the CIELCh color 64, 68.531, 349.966.



This preview shows how white text looks on a background with the CIELCh color 64, 68.531, 349.966.

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



Original Color

64, 68.531, 349.966

Protanopia

64, 36.396, 285.675

Deuteranopia

64, 11.716, 315.678



Tritanopia
64, 58.237, 22.477

Trichromacy



Original Color
64, 68.531, 349.966



Protanomaly
62, 43.474, 315.742



Deuteranomaly
63, 33.826, 339.634



Tritanomaly
64, 59.459, 9.311

Monochromacy



Original Color
64, 68.531, 349.966



Achromatopsia
63, 0.008, 296.813



Achromatomaly
62, 27.741, 345.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 68.531, 349.966 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, 96, 178)` looks like.

```
.text, #text, p{  
    color:rgb(254, 96, 178)  
}
```

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, 96, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 96, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 68.531, 349.966 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, 96, 178) }
```

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

```
.border{ border-color:rgb(254, 96, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 96, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 96, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 96, 178);  
box-shadow:4px 4px 4px 4px rgb(254, 96,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 68.531, 349.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 96, 178) }
```

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

```
.background{ background-color: rgb(254, 96,  
178) }
```

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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