

Converting Colors

CIELCh(64, 68.610, 351.327)

Have a look what the booklet for
CIELCh(64, 68.610, 351.327)
contains.

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Color

CIELCh(64, 68.366, 351.039)

Conversions

Conversions Part 1

Format	Color
Hex	FF60B0
RGB	255, 96, 176
RGB Percent	100%, 38%, 69%
CMY	0.0000, 0.6231, 0.3094
CMYK	0.00, 0.62, 0.31, 0.00
HSL	330°, 100%, 69%
HSV	330°, 62%, 100%
XYZ	53.3157, 32.8017, 44.6427
YIQ	152.6610, 69.0840, 58.5880

Conversions

Conversions Part 2

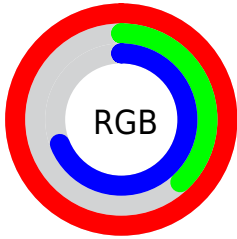
Format	Color
R _Y B	255, 96, 176
Decimal	16736432
CIE Lab	64.00, 67.53, -10.65
CIE LCh	64, 68.366, 351.039
Yxy	32.8017, 0.4077, 0.2509
Android (android.graphics.Color)	4294926512 (0xFFFF60B0)
YUV	152.6610, 11.5061, 89.7513
Hunter-Lab	57.2727, 65.9400, -6.1241

Details

The CIELCh color **64, 68.366, 351.039** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 64.912, 156.224**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 53.760, 334.233**, and **44, 68.408, 350.764** is the 20% darker color. If you saturate the color by 10%, you get **60, 75.913, 353.193**, and if you desaturate by 10%, it is **69, 58.930, 349.254**.

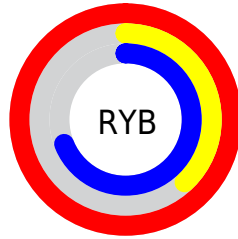
Distribution



Red (100%)

Green (38%)

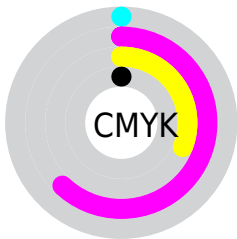
Blue (69%)



Red (100%)

Yellow (38%)

Blue (69%)

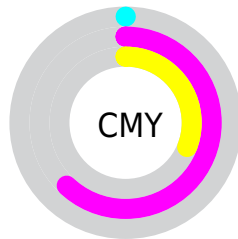


Cyan (0%)

Magenta (62%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 68.366, 351.039 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, 68.366, 351.039 by changing the saturation by 10% instead.


 64, 68.366,
351.039


 64, 68.366,
351.039


 100, 68.366,
351.039


 54, 68.366,
351.039


 84, 68.366,
351.039

 44, 68.366,
351.039

 94, 68.366,
351.039

 34, 68.366,
351.039

 24, 68.366,
351.039

 14, 68.366,
351.039

 4, 68.366, 351.039

 0, 68.366, 351.039

64, 68.366,
351.039

64, 68.366,
351.039

60, 75.913,
353.193

69, 58.930,
349.254

57, 81.148,
355.941

74, 48.300,
347.793

56, 83.870,
359.426

80, 36.993,
346.548

55, 84.667, 2.614

86, 25.429,
345.460

92, 13.898,
344.486

98, 2.581, 343.470

100, 0.012,
296.813

Harmonies

Complementary

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



64, 68.366, 351.039



90, 64.912, 156.224

Rectangle

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



64, 68.366, 351.039



64, 68.366, 41.039



64, 68.366, 171.039



64, 68.366, 221.039

Sweetspot

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



64, 68.337, 351.015



88, 21.597, 345.128



57, 90.451, 311.733



45, 14.899, 345.414



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, 68.337, 351.015



59, 77.566, 353.869



62, 68.071, 27.192



50, 6.397, 344.224



41, 68.284, 1.791



10, 31.901, 356.244

Inverse Universe

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



64, 68.337, 351.015



59, 77.566, 353.869



92, 43.022, 194.938



50, 6.397, 344.224



41, 68.284, 1.791



10, 31.901, 356.244

Previews

White Background



This preview shows how the CIELCh color 64, 68.366, 351.039 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, 68.366, 351.039 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, 68.366, 351.039

Background



This preview shows how black text looks on a background with the CIELCh color 64, 68.366, 351.039.

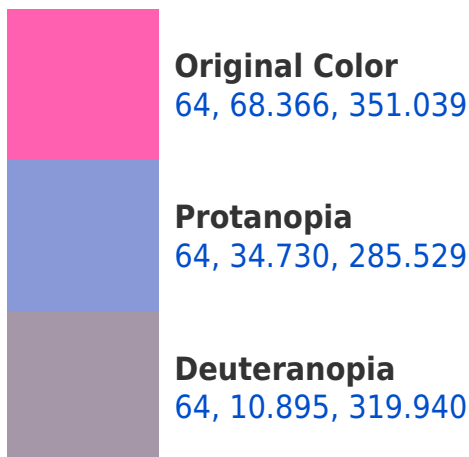


This preview shows how white text looks on a background with the CIELCh color 64, 68.366, 351.039.

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
64, 58.775, 23.074

Trichromacy



Original Color
64, 68.366, 351.039



Protanomaly
62, 42.095, 317.061



Deuteranomaly
63, 33.433, 341.605



Tritanomaly
64, 59.816, 10.536

Monochromacy



Original Color
64, 68.366, 351.039



Achromatopsia
63, 0.008, 296.813



Achromatomaly
62, 27.453, 346.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 68.366, 351.039 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, 96, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 96, 176)  
}
```

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, 96, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 96, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 68.366, 351.039 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, 96, 176) }
```

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

```
.border{ border-color:rgb(255, 96, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 96, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 96, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 96, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 96,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 68.366, 351.039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 96, 176) }
```

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

```
.background{ background-color: rgb(255, 96,  
176) }
```

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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