

Converting Colors

CIELCh(68, 56.599, 355.965)

Have a look what the booklet for
CIELCh(68, 56.599, 355.965)
contains.

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Color

CIELCh(68, 56.596, 355.921)

Conversions

Conversions Part 1

Format	Color
Hex	FF79AF
RGB	255, 121, 175
RGB Percent	100%, 47%, 69%
CMY	0.0005, 0.5259, 0.3142
CMYK	0.00, 0.53, 0.31, 0.00
HSL	336°, 100%, 74%
HSV	336°, 53%, 100%
XYZ	55.7419, 37.9720, 44.8896
YIQ	167.2220, 62.5300, 45.2020

Conversions

Conversions Part 2

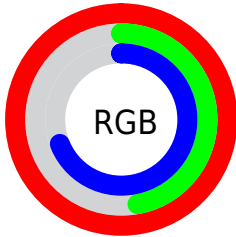
Format	Color
R _Y B	255, 121, 175
Decimal	16742831
CIE Lab	68.00, 56.45, -4.03
CIE LCh	68, 56.596, 355.921
Yxy	37.9720, 0.4022, 0.2740
Android (android.graphics.Color)	4294932911 (0xFFFF79AF)
YUV	167.2220, 3.8346, 76.9813
Hunter-Lab	61.6215, 53.6311, -0.0562

Details

The CIELCh color **68, 56.596, 355.921** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **92, 51.333, 163.334**, and the grayscale version is **69, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 39.224, 337.429**, and **48, 56.776, 355.694** is the 20% darker color. If you saturate the color by 10%, you get **63, 65.959, 358.096**, and if you desaturate by 10%, it is **73, 46.199, 354.162**.

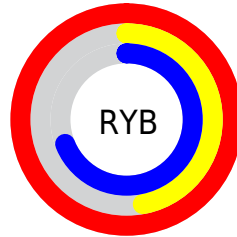
Distribution



Red (100%)

Green (47%)

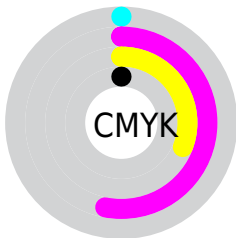
Blue (69%)



Red (100%)

Yellow (47%)

Blue (69%)

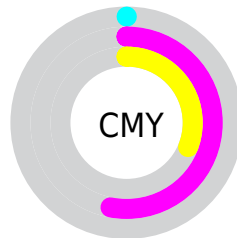


Cyan (0%)

Magenta (53%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 56.596, 355.921 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 68, 56.596, 355.921 by changing the saturation by 10% instead.


 68, 56.596,
355.921


 68, 56.596,
355.921


 100, 56.596,
355.921


 58, 56.596,
355.921


 88, 56.596,
355.921

 48, 56.596,
355.921

 98, 56.596,
355.921

 38, 56.596,
355.921

 28, 56.596,
355.921

 18, 56.596,
355.921

 8, 56.596, 355.921

 0, 56.596, 355.921

68, 56.596,
355.921

68, 56.596,
355.921

63, 65.959,
358.096

73, 46.199,
354.162

60, 73.740, 0.835

79, 35.285,
352.699

57, 79.492, 4.323

85, 24.239,
351.454

55, 83.136, 8.723

54, 84.918, 12.523

92, 13.319,
350.363

98, 2.682, 349.260

100, 0.045,
214.265

Harmonies

Complementary

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



68, 56.596, 355.921



92, 51.333, 163.334

Rectangle

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



68, 56.596, 355.921



68, 56.596, 45.921



68, 56.596, 175.921



68, 56.596, 225.921

Sweetspot

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



68, 56.592, 355.922



89, 17.047, 350.724



64, 76.987, 314.309



46, 11.542, 350.947



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 56.592, 355.922



63, 66.359, 358.202



69, 53.209, 31.105



50, 5.999, 350.048



41, 68.290, 11.516



10, 31.307, 4.534

Inverse Universe

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



68, 56.592, 355.922



63, 66.359, 358.202



90, 35.187, 206.879



50, 5.999, 350.048



41, 68.290, 11.516



10, 31.307, 4.534

Previews

White Background



This preview shows how the CIELCh color 68, 56.596, 355.921 looks on a white background.

Color Contrast Check

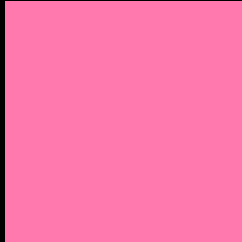
Large Text (above 18pt) WCAG AA × Fail

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 68, 56.596, 355.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

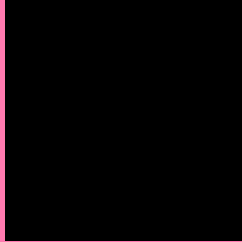
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 56.596, 355.921

Background



This preview shows how black text looks on a background with the CIELCh color 68, 56.596, 355.921.



This preview shows how white text looks on a background with the CIELCh color 68, 56.596, 355.921.

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
68, 56.596, 355.921

Protanopia
68, 20.996, 285.783

Deuteranopia
68, 8.578, 353.572



Tritanopia
68, 50.974, 19.789

Trichromacy



Original Color
68, 56.596, 355.921



Protanomaly
67, 29.082, 325.671



Deuteranomaly
67, 27.331, 352.279



Tritanomaly
68, 52.002, 10.222

Monochromacy



Original Color
68, 56.596, 355.921



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 21.734, 351.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 56.596, 355.921 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, 121, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 175)  
}
```

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, 121, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 56.596, 355.921 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, 121, 175) }
```

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

```
.border{ border-color:rgb(255, 121, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 121, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 56.596, 355.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 175) }
```

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

```
.background{ background-color: rgb(255,  
121, 175) }
```

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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