

Converting Colors

CIELCh(79, 80.728, 11.112)

Have a look what the booklet for
CIELCh(79, 80.728, 11.112) contains.

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Color

CIELCh(68, 56.485, 357.769)

Conversions

Conversions Part 1

Format	Color
Hex	FF79AC
RGB	255, 121, 172
RGB Percent	100%, 47%, 67%
CMY	0.0000, 0.5267, 0.3268
CMYK	0.00, 0.53, 0.33, 0.00
HSL	337°, 100%, 74%
HSV	337°, 53%, 100%
XYZ	55.7378, 37.9720, 43.2570
YIQ	166.8800, 63.4930, 44.2690

Conversions

Conversions Part 2

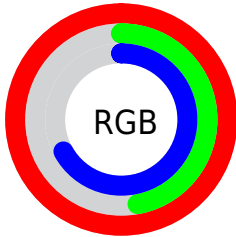
Format	Color
R _Y B	255, 121, 172
Decimal	16742828
CIE Lab	68.00, 56.44, -2.20
CIE LCh	68, 56.485, 357.769
Yxy	37.9720, 0.4069, 0.2772
Android (android.graphics.Color)	4294932908 (0xFFFF79AC)
YUV	166.8800, 2.5242, 77.2812
Hunter-Lab	61.6215, 53.6190, 1.5146

Details

The CIELCh color **68, 56.485, 357.769** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **92, 50.379, 164.764**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 38.222, 339.192**, and **48, 56.346, 357.376** is the 20% darker color. If you saturate the color by 10%, you get **63, 65.645, 359.856**, and if you desaturate by 10%, it is **73, 45.867, 355.758**.

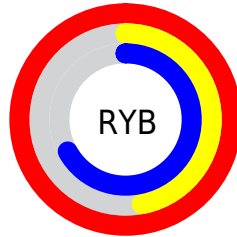
Distribution



Red (100%)

Green (47%)

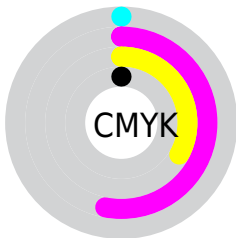
Blue (67%)



Red (100%)

Yellow (47%)

Blue (67%)

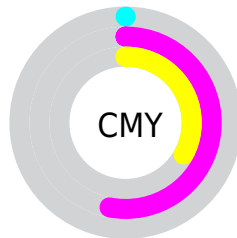


Cyan (0%)

Magenta (53%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 56.485, 357.769 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, 56.485, 357.769 by changing the saturation by 10% instead.


 68, 56.485,
357.769


 68, 56.485,
357.769


 100, 56.485,
357.769


 58, 56.485,
357.769


 88, 56.485,
357.769

 48, 56.485,
357.769

 98, 56.485,
357.769

 38, 56.485,
357.769

 28, 56.485,
357.769

 18, 56.485,
357.769

 8, 56.485, 357.769

 0, 56.485, 357.769

68, 56.485,
357.769

68, 56.485,
357.769

63, 65.645,
359.856

73, 45.867,
355.758

59, 73.525, 2.722

79, 35.011,
354.247

57, 79.460, 6.371

85, 24.053,
352.967

55, 83.396, 10.956

54, 85.449, 14.830

92, 13.248,
351.851

98, 2.745, 350.733

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.



68, 56.485, 357.769



92, 50.379, 164.764

Rectangle

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



68, 56.485, 357.769



68, 56.485, 47.769



68, 56.485, 177.769



68, 56.485, 227.769

Sweetspot

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



68, 56.244, 357.587



89, 16.822, 352.209



65, 77.370, 315.339



46, 11.392, 352.436



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, 56.244, 357.587



63, 65.935, 359.941



70, 52.095, 33.487



50, 5.916, 351.520



41, 68.627, 13.792



10, 31.282, 6.535

Inverse Universe

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



68, 56.244, 357.587



63, 65.935, 359.941



89, 34.295, 211.300



50, 5.916, 351.520



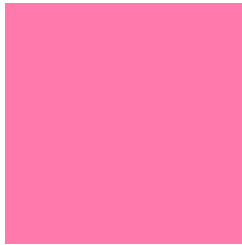
41, 68.627, 13.792



10, 31.282, 6.535

Previews

White Background



This preview shows how the CIELCh color 68, 56.485, 357.769 looks on a white background.

Color Contrast Check

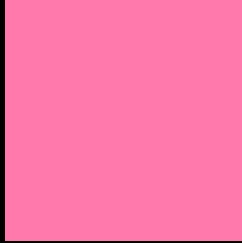
Large Text (above 18pt) WCAG AA × Fail

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, 56.485, 357.769 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, 56.485, 357.769

Background



This preview shows how black text looks on a background with the CIELCh color 68, 56.485, 357.769.



This preview shows how white text looks on a background with the CIELCh color 68, 56.485, 357.769.

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, 56.147, 357.489

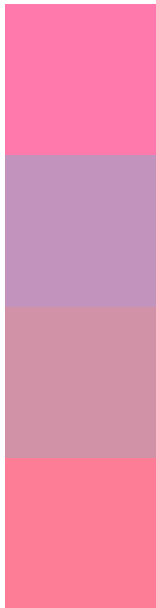
Protanopia
68, 19.328, 287.028

Deuteranopia
68, 8.918, 2.298



Tritanopia
68, 50.974, 19.789

Trichromacy



Original Color
68, 56.147, 357.489

Protanomaly
67, 28.210, 328.910

Deuteranomaly
67, 26.860, 356.968

Tritanomaly
68, 51.995, 10.818

Monochromacy



Original Color
68, 56.147, 357.489

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 21.499, 352.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 56.485, 357.769 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 56.485, 357.769 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, 172) }
```

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

```
.border{ border-color:rgb(255, 121, 172) }
```

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, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 56.485, 357.769 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, 172) }
```

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

```
.background{ background-color: rgb(255,  
121, 172) }
```

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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