

Converting Colors

CIELCh(69, 53.141, 348.070)

Have a look what the booklet for
CIELCh(69, 53.141, 348.070)
contains.

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Color

CIELCh(69, 53.230, 347.728)

Conversions

Conversions Part 1

Format	Color
Hex	F781BE
RGB	247, 129, 190
RGB Percent	97%, 51%, 75%
CMY	0.0301, 0.4929, 0.2537
CMYK	0.00, 0.48, 0.23, 0.03
HSL	329°, 88%, 74%
HSV	329°, 48%, 97%
XYZ	55.6906, 39.3444, 53.5470
YIQ	171.2360, 50.7470, 43.9870

Conversions

Conversions Part 2

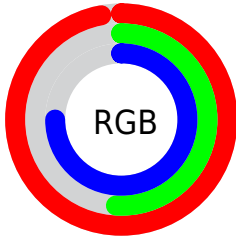
Format	Color
R _Y B	247, 129, 190
Decimal	16220606
CIE Lab	69.00, 52.01, -11.31
CIE LCh	69, 53.230, 347.728
Yxy	39.3444, 0.3748, 0.2648
Android (android.graphics.Color)	4294410686 (0xFFFF781BE)
YUV	171.2360, 9.2507, 66.4450
Hunter-Lab	62.7251, 48.7125, -6.7070

Details

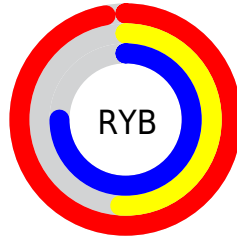
The CIELCh color **69, 53.230, 347.728** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **89, 50.741, 157.780**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 40.202, 329.807**, and **49, 53.206, 347.532** is the 20% darker color. If you saturate the color by 10%, you get **64, 63.067, 349.288**, and if you desaturate by 10%, it is **74, 42.435, 346.413**.

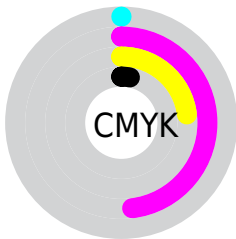
Distribution



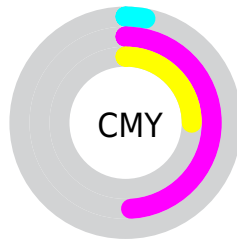
- Red (97%)
- Green (51%)
- Blue (75%)



- Red (97%)
- Yellow (51%)
- Blue (75%)



- Cyan (0%)
- Magenta (48%)
- Yellow (23%)
- Black (3%)





- Cyan (3%)
- Magenta (49%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 53.230, 347.728 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 69, 53.230, 347.728 by changing the saturation by 10% instead.


 69, 53.230,
347.728

 69, 53.230,
347.728

 100, 53.230,
347.728


 59, 53.230,
347.728

 89, 53.230,
347.728

 49, 53.230,
347.728

 99, 53.230,
347.728

 39, 53.230,
347.728

 29, 53.230,
347.728

 19, 53.230,
347.728

 9, 53.230, 347.728

 0, 53.230, 347.728

69, 53.230,
347.728

69, 53.230,
347.728

64, 63.067,
349.288

74, 42.435,
346.413

60, 71.374,
351.187

80, 31.174,
345.274

57, 77.578,
353.555

86, 19.795,
344.265

55, 81.318,
356.553

92, 8.531, 343.337

99, 2.476, 162.769

54, 82.727, 0.315

99, 2.657, 199.486

53, 82.923, 1.238

Harmonies

Complementary

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



69, 53.230, 347.728



89, 50.741, 157.780

Rectangle

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



69, 53.230, 347.728



69, 53.230, 37.728



69, 53.230, 167.728



69, 53.230, 217.728

Sweetspot

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



69, 53.227, 347.729



91, 15.975, 343.916



64, 67.538, 310.480



47, 11.053, 344.119



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 53.227, 347.729



66, 63.952, 349.182



68, 48.985, 22.352



48, 6.242, 343.499



40, 67.105, 0.435



9, 30.422, 354.601

Inverse Universe

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



69, 53.227, 347.729



66, 63.952, 349.182



91, 35.309, 193.837



48, 6.242, 343.499



40, 67.105, 0.435



9, 30.422, 354.601

Previews

White Background



This preview shows how the CIELCh color 69, 53.230, 347.728 looks on a white background.

Color Contrast Check

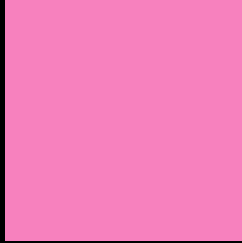
Large Text (above 18pt) WCAG AA × Fail

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 69, 53.230, 347.728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

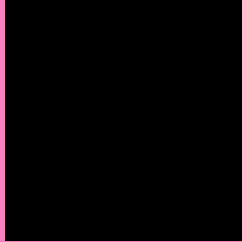
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 53.230, 347.728

Background



This preview shows how black text looks on a background with the CIELCh color 69, 53.230, 347.728.

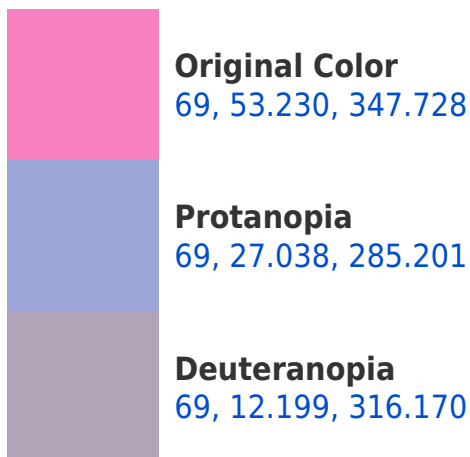


This preview shows how white text looks on a background with the CIELCh color 69, 53.230, 347.728.

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
69, 42.720, 16.826

Trichromacy



Original Color
69, 53.230, 347.728



Protanomaly
68, 32.423, 315.781



Deuteranomaly
68, 27.184, 337.271



Tritanomaly
69, 45.039, 5.104

Monochromacy



Original Color
69, 53.230, 347.728



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 20.532, 343.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 53.230, 347.728 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(247, 129, 190)` looks like.

```
.text, #text, p{  
    color:rgb(247, 129, 190)  
}
```

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(247, 129, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 129, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 53.230, 347.728 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(247, 129, 190) }
```

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

```
.border{ border-color:rgb(247, 129, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 129, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 129, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 129, 190);  
box-shadow:4px 4px 4px 4px rgb(247, 129,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 53.230, 347.728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 129, 190) }
```

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

```
.background{ background-color: rgb(247,  
129, 190) }
```

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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