

Converting Colors

CIELCh(70, 56.262, 355.741)

Have a look what the booklet for
CIELCh(70, 56.262, 355.741)
contains.

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Color

CIELCh(69, 54.635, 354.189)

Conversions

Conversions Part 1

Format	Color
Hex	FE7EB4
RGB	254, 126, 180
RGB Percent	100%, 49%, 71%
CMY	0.0037, 0.5053, 0.2935
CMYK	0.00, 0.50, 0.29, 0.00
HSL	335°, 99%, 75%
HSV	335°, 50%, 100%
XYZ	56.6304, 39.3444, 47.8757
YIQ	170.4280, 58.9540, 43.9300

Conversions

Conversions Part 2

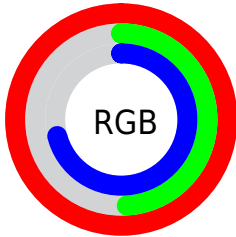
Format	Color
RYB	254, 126, 180
Decimal	16678580
CIELab	69.00, 54.35, -5.53
CIElCh	69, 54.635, 354.189
Yxy	39.3444, 0.3937, 0.2735
Android (android.graphics.Color)	4294868660 (0xFFFE7EB4)
YUV	170.4280, 4.7190, 73.2926
Hunter-Lab	62.7251, 51.3871, -1.3463

Details

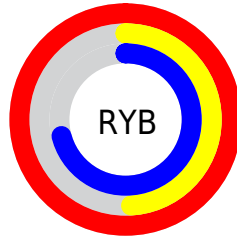
The CIELCh color **69, 54.635, 354.189** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **91, 50.147, 162.519**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 38.270, 334.713**, and **49, 54.556, 354.308** is the 20% darker color. If you saturate the color by 10%, you get **64, 64.239, 356.189**, and if you desaturate by 10%, it is **74, 44.079, 352.556**.

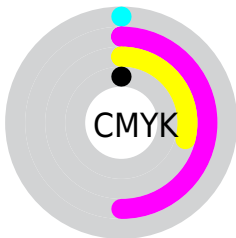
Distribution



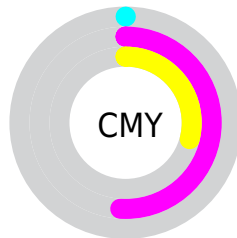
- Red (100%)
- Green (49%)
- Blue (71%)



- Red (100%)
- Yellow (49%)
- Blue (71%)



- Cyan (0%)
- Magenta (50%)
- Yellow (29%)
- Black (0%)




- Cyan (0%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 54.635, 354.189 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, 54.635, 354.189 by changing the saturation by 10% instead.

 69, 54.635,
354.189

 69, 54.635,
354.189

 100, 54.635,
354.189

 59, 54.635,
354.189

 89, 54.635,
354.189

 49, 54.635,
354.189

 99, 54.635,
354.189

 39, 54.635,
354.189

 29, 54.635,
354.189

 19, 54.635,
354.189

 9, 54.635, 354.189

 0, 54.635, 354.189

69, 54.635,
354.189

69, 54.635,
354.189

64, 64.239,
356.189

74, 44.079,
352.556

60, 72.335,
358.691

80, 33.071,
351.185

57, 78.419, 1.870

86, 21.973,
350.006

55, 82.293, 5.904

93, 11.025,
348.959

54, 84.428, 10.612

99, 0.368, 346.685

100, 0.326,
201.421

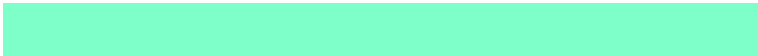
Harmonies

Complementary

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



69, 54.635, 354.189



91, 50.147, 162.519

Rectangle

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



69, 54.635, 354.189



69, 54.635, 44.189



69, 54.635, 174.189



69, 54.635, 224.189

Sweetspot

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



69, 54.632, 354.190



90, 16.141, 349.434



65, 73.477, 313.703



47, 11.043, 349.656



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, 54.632, 354.190



65, 64.120, 356.116



69, 51.073, 29.599



50, 6.070, 348.874



41, 68.109, 9.644



10, 31.360, 2.908

Inverse Universe

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



69, 54.632, 354.190



65, 64.120, 356.116



90, 34.581, 204.732



50, 6.070, 348.874



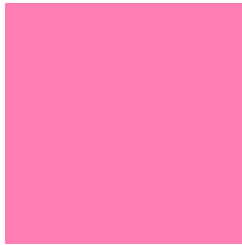
41, 68.109, 9.644



10, 31.360, 2.908

Previews

White Background



This preview shows how the CIELCh color 69, 54.635, 354.189 looks on a white background.

Color Contrast Check

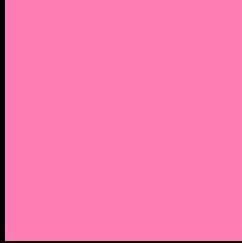
Large Text (above 18pt) WCAG AA × Fail

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, 54.635, 354.189 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, 54.635, 354.189

Background



This preview shows how black text looks on a background with the CIELCh color 69, 54.635, 354.189.

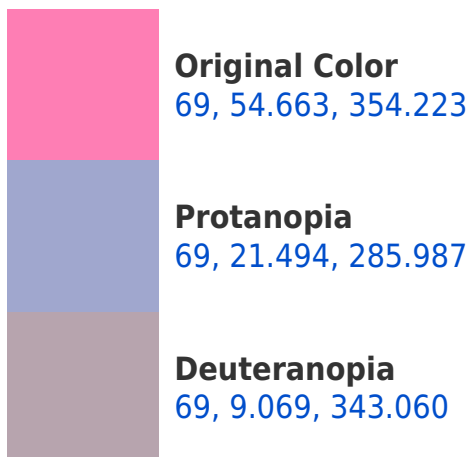


This preview shows how white text looks on a background with the CIELCh color 69, 54.635, 354.189.

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, 48.202, 18.402

Trichromacy



Original Color
69, 54.663, 354.223



Protanomaly
68, 29.077, 323.780



Deuteranomaly
68, 26.481, 349.743



Tritanomaly
69, 49.137, 8.748

Monochromacy



Original Color
69, 54.663, 354.223



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 20.383, 350.825

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 54.635, 354.189 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, 126, 180)` looks like.

```
.text, #text, p{  
    color:rgb(254, 126, 180)  
}
```

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, 126, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 126, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 54.635, 354.189 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, 126, 180) }
```

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

```
.border{ border-color:rgb(254, 126, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 126, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 126, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 126, 180);  
box-shadow:4px 4px 4px 4px rgb(254, 126,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 54.635, 354.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 126, 180) }
```

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

```
.background{ background-color: rgb(254,  
126, 180) }
```

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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