

Converting Colors

CIELCh(69, 57.434, 345.208)

Have a look what the booklet for
CIELCh(69, 57.434, 345.208)
contains.

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Color

CIELCh(69, 57.387, 345.493)

Conversions

Conversions Part 1

Format	Color
Hex	FB7EC4
RGB	251, 126, 196
RGB Percent	98%, 49%, 77%
CMY	0.0163, 0.5064, 0.2319
CMYK	0.00, 0.50, 0.22, 0.02
HSL	326°, 94%, 74%
HSV	326°, 50%, 98%
XYZ	57.1176, 39.3444, 56.7228
YIQ	171.3550, 52.0300, 48.2700

Conversions

Conversions Part 2

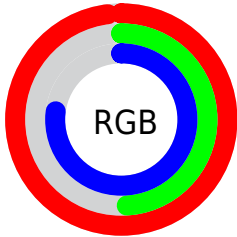
Format	Color
R _Y B	251, 126, 196
Decimal	16481988
CIE Lab	69.00, 55.56, -14.38
CIE LCh	69, 57.387, 345.493
Yxy	39.3444, 0.3729, 0.2568
Android (android.graphics.Color)	4294672068 (0xFFFB7EC4)
YUV	171.3550, 12.1500, 69.8487
Hunter-Lab	62.7251, 52.7736, -9.7088

Details

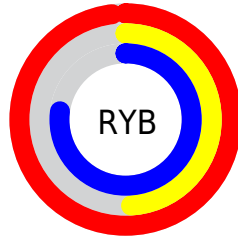
The CIELCh color $69, 57.387, 345.493$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $90, 55.374, 155.390$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $83, 44.898, 326.771$, and $49, 57.343, 345.695$ is the 20% darker color. If you saturate the color by 10%, you get $64, 67.172, 346.960$, and if you desaturate by 10%, it is $74, 46.444, 344.246$.

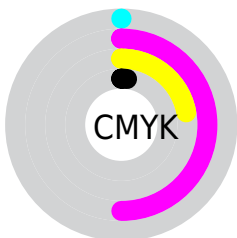
Distribution



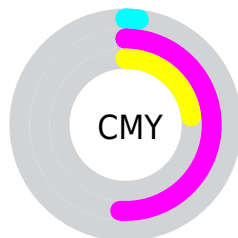
- Red (98%)
- Green (49%)
- Blue (77%)



- Red (98%)
- Yellow (49%)
- Blue (77%)



- Cyan (0%)
- Magenta (50%)
- Yellow (22%)
- Black (2%)



- Cyan (2%)
- Magenta (51%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 57.387, 345.493 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, 57.387, 345.493 by changing the saturation by 10% instead.


 69, 57.387,
345.493

 69, 57.387,
345.493

 100, 57.387,
345.493

 59, 57.387,
345.493

 89, 57.387,
345.493

 49, 57.387,
345.493

 99, 57.387,
345.493

 39, 57.387,
345.493

 29, 57.387,
345.493

 19, 57.387,
345.493

 9, 57.387, 345.493

 0, 57.387, 345.493

69, 57.387,
345.493

69, 57.387,
345.493

64, 67.172,
346.960

74, 46.444,
344.246

60, 75.197,
348.733

80, 34.879,
343.158

58, 80.892,
350.932

86, 23.088,
342.186

56, 83.945,
353.700

92, 11.341,
341.295

54, 84.729,
357.118

99, 0.192, 162.916

54, 84.738,
357.181

100, 1.443,
199.773

Harmonies

Complementary

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



69, 57.387, 345.493



90, 55.374, 155.390

Rectangle

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



69, 57.387, 345.493



69, 57.387, 35.493



69, 57.387, 165.493



69, 57.387, 215.493

Sweetspot

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



69, 57.384, 345.494



90, 17.636, 341.751



63, 71.255, 309.591



47, 12.054, 341.940



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, 57.384, 345.494



65, 68.221, 346.997



67, 51.558, 20.363



49, 6.540, 341.266



41, 68.591, 356.484



10, 31.747, 351.626

Inverse Universe

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



69, 57.384, 345.494



65, 68.221, 346.997



92, 37.465, 190.387



49, 6.540, 341.266



41, 68.591, 356.484



10, 31.747, 351.626

Previews

White Background



This preview shows how the CIELCh color 69, 57.387, 345.493 looks on a white background.

Color Contrast Check

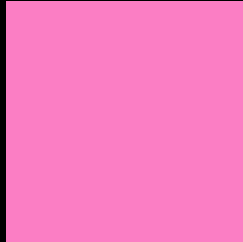
Large Text (above 18pt) WCAG AA × Fail

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, 57.387, 345.493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

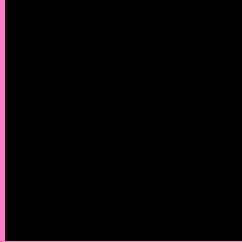
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 57.387, 345.493

Background



This preview shows how black text looks on a background with the CIELCh color 69, 57.387, 345.493.



This preview shows how white text looks on a background with the CIELCh color 69, 57.387, 345.493.

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, 44.831, 17.455

Trichromacy



Original Color
69, 57.387, 345.493



Protanomaly
68, 36.573, 313.656



Deuteranomaly
68, 29.702, 333.173



Tritanomaly
69, 47.622, 3.899

Monochromacy



Original Color
69, 57.387, 345.493



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 21.771, 342.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 57.387, 345.493 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(251, 126, 196)` looks like.

```
.text, #text, p{  
    color:rgb(251, 126, 196)  
}
```

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(251, 126, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 126, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 57.387, 345.493 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(251, 126, 196) }
```

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

```
.border{ border-color:rgb(251, 126, 196) }
```

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

Here you see how a box with a 4 pixel rgb(251, 126, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 126, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 126, 196);  
box-shadow:4px 4px 4px 4px rgb(251, 126,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 57.387, 345.493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 126, 196) }
```

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

```
.background{ background-color: rgb(251,  
126, 196) }
```

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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