

Converting Colors

CIELCh(69, 61.493, 345.760)

Have a look what the booklet for
CIELCh(69, 61.493, 345.760)
contains.

CIELCh(69, 61.237, 345.462)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(69, 61.237, 345.462)

Conversions

Conversions Part 1

Format	Color
Hex	FF7AC6
RGB	255, 122, 198
RGB Percent	100%, 48%, 78%
CMY	0.0000, 0.5225, 0.2245
CMYK	0.00, 0.52, 0.22, 0.00
HSL	326°, 100%, 74%
HSV	326°, 52%, 100%
XYZ	58.6413, 39.3444, 57.7830
YIQ	170.4310, 54.8720, 51.8320

Conversions

Conversions Part 2

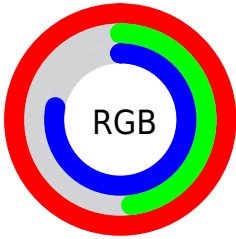
Format	Color
RYB	255, 122, 198
Decimal	16743110
CIELab	69.00, 59.28, -15.37
CIElCh	69, 61.237, 345.462
Yxy	39.3444, 0.3765, 0.2526
Android (android.graphics.Color)	4294933190 (0xFFFF7AC6)
YUV	170.4310, 13.5915, 74.1670
Hunter-Lab	62.7251, 57.1095, -10.7110

Details

The CIELCh color **69, 61.237, 345.462** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **91, 59.090, 154.560**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 48.201, 326.091**, and **49, 60.785, 345.122** is the 20% darker color. If you saturate the color by 10%, you get **64, 70.603, 346.732**, and if you desaturate by 10%, it is **74, 50.137, 343.970**.

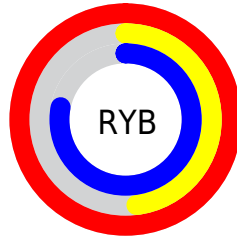
Distribution



Red (100%)

Green (48%)

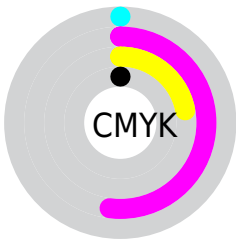
Blue (78%)



Red (100%)

Yellow (48%)

Blue (78%)

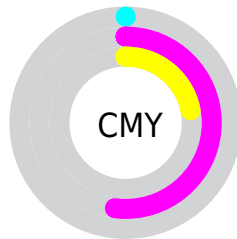


Cyan (0%)

Magenta (52%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 61.237, 345.462 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, 61.237, 345.462 by changing the saturation by 10% instead.


 69, 61.237,
345.462

 69, 61.237,
345.462


 100, 61.237,
345.462


 59, 61.237,
345.462


 89, 61.237,
345.462

 49, 61.237,
345.462

 99, 61.237,
345.462

 39, 61.237,
345.462

 29, 61.237,
345.462

 19, 61.237,
345.462

 9, 61.237, 345.462

 0, 61.237, 345.462

69, 61.237,
345.462

69, 61.237,
345.462

64, 70.603,
346.732

74, 50.137,
343.970

61, 78.209,
348.545

80, 38.471,
342.868

58, 83.317,
350.799

86, 26.478,
341.886

56, 85.711,
353.637

92, 14.465,
340.991

55, 86.087,
356.262

99, 2.631, 340.045

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.



69, 61.237, 345.462



91, 59.090, 154.560

Rectangle

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



69, 61.237, 345.462



69, 61.237, 35.462



69, 61.237, 165.462



69, 61.237, 215.462

Sweetspot

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



69, 61.037, 345.237



90, 18.961, 341.319



62, 75.761, 309.250



46, 12.822, 341.502



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, 61.037, 345.237



64, 71.252, 346.856



67, 54.839, 19.701



50, 6.697, 340.754



42, 69.522, 355.590



11, 32.703, 351.104

Inverse Universe

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



69, 61.037, 345.237



64, 71.252, 346.856



93, 39.676, 188.564



50, 6.697, 340.754



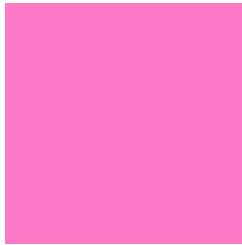
42, 69.522, 355.590



11, 32.703, 351.104

Previews

White Background



This preview shows how the CIELCh color 69, 61.237, 345.462 looks on a white background.

Color Contrast Check

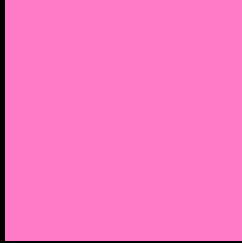
Large Text (above 18pt) WCAG AA × Fail

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, 61.237, 345.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

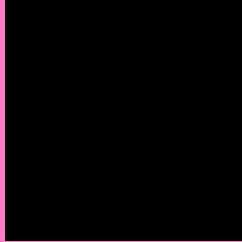
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 61.237, 345.462

Background



This preview shows how black text looks on a background with the CIELCh color 69, 61.237, 345.462.



This preview shows how white text looks on a background with the CIELCh color 69, 61.237, 345.462.

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, 47.801, 18.301

Trichromacy



Original Color
69, 60.980, 345.164



Protanomaly
68, 39.788, 312.526



Deuteranomaly
68, 31.140, 331.680



Tritanomaly
69, 50.367, 4.286

Monochromacy



Original Color
69, 60.980, 345.164



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 23.956, 342.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 61.237, 345.462 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, 122, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 198)  
}
```

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, 122, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 61.237, 345.462 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, 122, 198) }
```

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

```
.border{ border-color:rgb(255, 122, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 122, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 61.237, 345.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 198) }
```

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

```
.background{ background-color: rgb(255,  
122, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor