

Converting Colors

CIELCh(68, 63.589, 344.334)

Have a look what the booklet for
CIELCh(68, 63.589, 344.334)
contains.

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Color

CIELCh(68, 63.546, 344.547)

Conversions

Conversions Part 1

Format	Color
Hex	FF75C6
RGB	255, 117, 198
RGB Percent	100%, 46%, 78%
CMY	0.0008, 0.5419, 0.2242
CMYK	0.00, 0.54, 0.22, 0.00
HSL	325°, 100%, 73%
HSV	325°, 54%, 100%
XYZ	57.6803, 37.9720, 57.6073
YIQ	167.4960, 56.2470, 54.4470

Conversions

Conversions Part 2

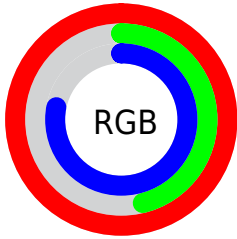
Format	Color
R _Y B	255, 117, 198
Decimal	16741830
CIE Lab	68.00, 61.25, -16.93
CIE LCh	68, 63.546, 344.547
Yxy	37.9720, 0.3764, 0.2478
Android (android.graphics.Color)	4294931910 (0xFFFF75C6)
YUV	167.4960, 15.0385, 76.7410
Hunter-Lab	61.6215, 59.2461, -12.2927

Details

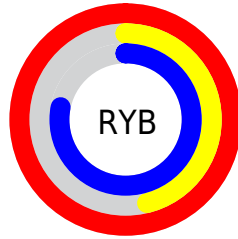
The CIELCh color **68, 63.546, 344.547** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **91, 61.842, 153.529**, and the grayscale version is **69, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 50.659, 326.174**, and **48, 63.345, 344.550** is the 20% darker color. If you saturate the color by 10%, you get **64, 72.828, 346.028**, and if you desaturate by 10%, it is **73, 52.782, 343.292**.

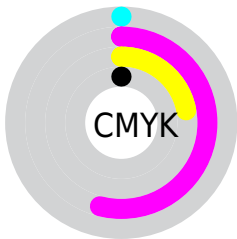
Distribution



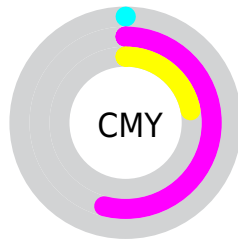
- Red (100%)
- Green (46%)
- Blue (78%)



- Red (100%)
- Yellow (46%)
- Blue (78%)



- Cyan (0%)
- Magenta (54%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (54%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 63.546, 344.547 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, 63.546, 344.547 by changing the saturation by 10% instead.

 68, 63.546,
344.547

 68, 63.546,
344.547


 100, 63.546,
344.547

 58, 63.546,
344.547


 88, 63.546,
344.547

 48, 63.546,
344.547

 98, 63.546,
344.547

 38, 63.546,
344.547

 28, 63.546,
344.547

 18, 63.546,
344.547

 8, 63.546, 344.547

 0, 63.546, 344.547

68, 63.546,
344.547

68, 63.546,
344.547

64, 72.828,
346.028

73, 52.782,
343.292

60, 80.008,
347.822

79, 41.134,
342.198

58, 84.584,
350.050

85, 29.070,
341.223

56, 86.422,
352.848

91, 16.925,
340.334

55, 86.575,
354.743

97, 4.918, 339.468

100, 0.068,
209.218

Harmonies

Complementary

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



68, 63.546, 344.547



91, 61.842, 153.529

Rectangle

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



68, 63.546, 344.547



68, 63.546, 34.547



68, 63.546, 164.547



68, 63.546, 214.547

Sweetspot

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



68, 63.543, 344.548



90, 19.177, 340.494



60, 78.496, 308.887



46, 12.967, 340.673



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, 63.543, 344.548



63, 73.573, 346.167



66, 56.759, 18.929



50, 6.775, 339.940



42, 69.972, 354.111



11, 32.948, 349.886

Inverse Universe

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



68, 63.543, 344.548



63, 73.573, 346.167



92, 41.108, 186.779



50, 6.775, 339.940



42, 69.972, 354.111



11, 32.948, 349.886

Previews

White Background



This preview shows how the CIELCh color 68, 63.546, 344.547 looks on a white background.

Color Contrast Check

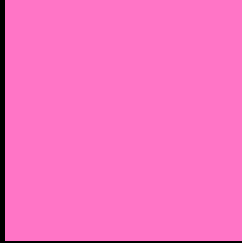
Large Text (above 18pt) WCAG AA × Fail

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, 63.546, 344.547 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, 63.546, 344.547

Background



This preview shows how black text looks on a background with the CIELCh color 68, 63.546, 344.547.



This preview shows how white text looks on a background with the CIELCh color 68, 63.546, 344.547.

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, 63.546, 344.547

Protanopia
68, 37.072, 285.282

Deuteranopia
68, 15.832, 303.468



Tritanopia
68, 48.847, 19.246

Trichromacy



Original Color
68, 63.546, 344.547



Protanomaly
67, 42.041, 312.051



Deuteranomaly
67, 32.656, 330.342



Tritanomaly
68, 51.646, 4.481

Monochromacy



Original Color
68, 63.546, 344.547



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 24.636, 341.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 63.546, 344.547 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, 117, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 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, 117, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 63.546, 344.547 is called "border". The border property can be set on classes, ids or directly on the HTML element.

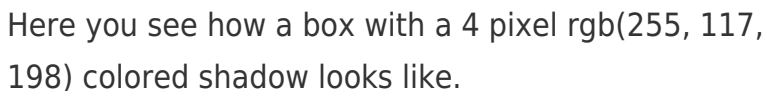
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 117, 198) }
```

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

```
.border{ border-color:rgb(255, 117, 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, 117, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 117, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 117, 198); box-shadow:4px 4px 4px 4px rgb(255, 117, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 63.546, 344.547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 198) }
```

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

```
.background{ background-color: rgb(255,  
117, 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](#).

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