

Converting Colors

CIELCh(69, 62.396, 342.461)

Have a look what the booklet for
CIELCh(69, 62.396, 342.461)
contains.

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Color

CIELCh(69, 62.403, 342.390)

Conversions

Conversions Part 1

Format	Color
Hex	FE7ACC
RGB	254, 122, 204
RGB Percent	100%, 48%, 80%
CMY	0.0040, 0.5216, 0.2000
CMYK	0.00, 0.52, 0.20, 0.00
HSL	323°, 98%, 74%
HSV	323°, 52%, 100%
XYZ	58.7250, 39.3444, 61.6198
YIQ	170.8160, 52.3500, 53.4860

Conversions

Conversions Part 2

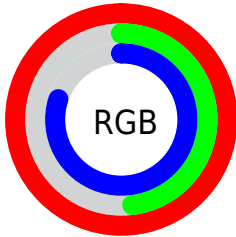
Format	Color
R_{YB}	254, 122, 204
Decimal	16677580
CIE _{Lab}	69.00, 59.48, -18.88
CIE _{LCh}	69, 62.403, 342.390
Yxy	39.3444, 0.3677, 0.2464
Android (android.graphics.Color)	4294867660 (0xFFFE7ACC)
YUV	170.8160, 16.3597, 72.9524
Hunter-Lab	62.7251, 57.3477, -14.3376

Details

The CIELCh color **69, 62.403, 342.390** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **91, 61.161, 152.362**, 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, 62.450, 342.441** is the 20% darker color. If you saturate the color by 10%, you get **65, 72.168, 343.690**, and if you desaturate by 10%, it is **74, 51.248, 341.266**.

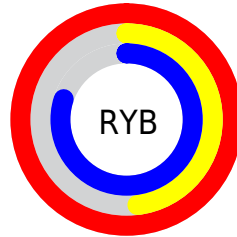
Distribution



Red (100%)

Green (48%)

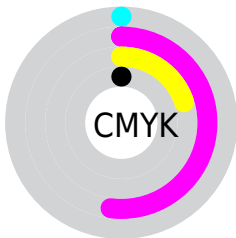
Blue (80%)



Red (100%)

Yellow (48%)

Blue (80%)

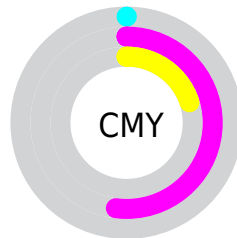


Cyan (0%)

Magenta (52%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 62.403, 342.390 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, 62.403, 342.390 by changing the saturation by 10% instead.


 69, 62.403,
342.390


 69, 62.403,
342.390


 100, 62.403,
342.390


 59, 62.403,
342.390


 89, 62.403,
342.390

 49, 62.403,
342.390

 99, 62.403,
342.390

 39, 62.403,
342.390

 29, 62.403,
342.390

 19, 62.403,
342.390

 9, 62.403, 342.390

 0, 62.403, 342.390

69, 62.403,
342.390

69, 62.403,
342.390

65, 72.168,
343.690

74, 51.248,
341.266

61, 79.917,
345.235

80, 39.287,
340.269

58, 85.094,
347.122

86, 26.963,
339.365

56, 87.454,
349.470

92, 14.593,
338.530

56, 87.682,
351.720

98, 2.381, 337.619

100, 0.351,
201.271

Harmonies

Complementary

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



69, 62.403, 342.390



91, 61.161, 152.362

Rectangle

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



69, 62.403, 342.390



69, 62.403, 32.390



69, 62.403, 162.390



69, 62.403, 212.390

Sweetspot

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



69, 62.400, 342.391



90, 19.635, 338.861



61, 74.945, 307.757



46, 13.274, 339.033



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, 62.400, 342.391



65, 72.426, 343.696



67, 53.854, 15.871



50, 6.940, 338.330



42, 71.059, 351.171



11, 33.502, 347.472

Inverse Universe

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



69, 62.400, 342.391



65, 72.426, 343.696



92, 40.651, 183.836



50, 6.940, 338.330



42, 71.059, 351.171



11, 33.502, 347.472

Previews

White Background



This preview shows how the CIELCh color 69, 62.403, 342.390 looks on a white background.

Color Contrast Check

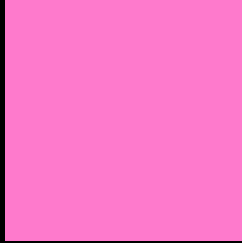
Large Text (above 18pt) WCAG AA × Fail

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, 62.403, 342.390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

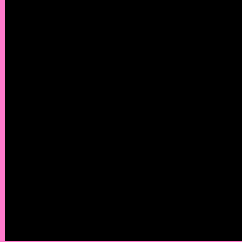
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 62.403, 342.390

Background



This preview shows how black text looks on a background with the CIELCh color 69, 62.403, 342.390.



This preview shows how white text looks on a background with the CIELCh color 69, 62.403, 342.390.

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
69, 62.403, 342.390

Protanopia
69, 38.603, 285.801

Deuteranopia
69, 17.814, 299.883



Tritanopia
69, 46.088, 17.813

Trichromacy



Original Color
69, 62.403, 342.390



Protanomaly
68, 42.764, 310.698



Deuteranomaly
68, 33.850, 326.914



Tritanomaly
69, 49.458, 2.370

Monochromacy



Original Color
69, 62.403, 342.390



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 24.318, 339.324

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 62.403, 342.390 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, 122, 204)` looks like.

```
.text, #text, p{  
    color:rgb(254, 122, 204)  
}
```

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, 122, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 122, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 62.403, 342.390 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, 122, 204) }
```

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

```
.border{ border-color:rgb(254, 122, 204) }
```

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

Here you see how a box with a 4 pixel rgb(254, 122, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 122, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 122, 204);  
box-shadow:4px 4px 4px 4px rgb(254, 122,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 62.403, 342.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 122, 204) }
```

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

```
.background{ background-color: rgb(254,  
122, 204) }
```

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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