

Converting Colors

CIELCh(73, 72.742, 343.742)

Have a look what the booklet for
CIELCh(73, 72.742, 343.742)
contains.

CIELCh(69, 67.455, 337.373)	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, 67.455, 337.373)

Conversions

Conversions Part 1

Format	Color
Hex	FE78D9
RGB	254, 120, 217
RGB Percent	100%, 47%, 85%
CMY	0.0055, 0.5306, 0.1503
CMYK	0.00, 0.53, 0.15, 0.01
HSL	317°, 98%, 73%
HSV	317°, 53%, 99%
XYZ	59.8843, 39.3444, 69.8659
YIQ	171.1240, 48.7270, 58.5750

Conversions

Conversions Part 2

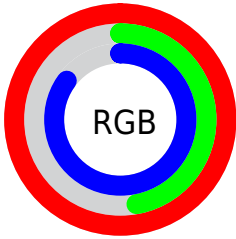
Format	Color
RYB	254, 120, 217
Decimal	16677081
CIELab	69.00, 62.26, -25.95
CIElCh	69, 67.455, 337.373
Yxy	39.3444, 0.3541, 0.2327
Android (android.graphics.Color)	4294867161 (0xFFFE78D9)
YUV	171.1240, 22.6169, 72.6823
Hunter-Lab	62.7251, 60.6470, -22.1322

Details

The CIELCh color **69, 67.455, 337.373** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 67.311, 148.208**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 48.817, 326.112**, and **49, 67.513, 337.489** is the 20% darker color. If you saturate the color by 10%, you get **65, 77.577, 338.346**, and if you desaturate by 10%, it is **74, 55.771, 336.489**.

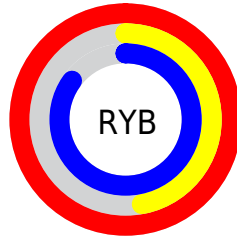
Distribution



Red (100%)

Green (47%)

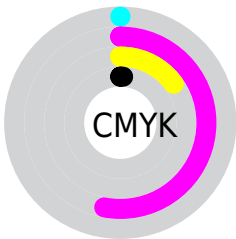
Blue (85%)



Red (100%)

Yellow (47%)

Blue (85%)

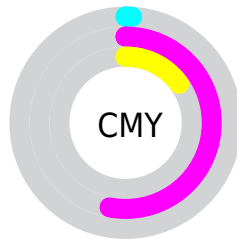


Cyan (0%)

Magenta (53%)

Yellow (15%)

Black (1%)



Cyan (1%)


Magenta (53%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 67.455, 337.373 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, 67.455, 337.373 by changing the saturation by 10% instead.

 69, 67.455,
337.373


 69, 67.455,
337.373


 100, 67.455,
337.373


 59, 67.455,
337.373


 89, 67.455,
337.373

 49, 67.455,
337.373

 99, 67.455,
337.373

 39, 67.455,
337.373

 29, 67.455,
337.373

 19, 67.455,
337.373

 9, 67.455, 337.373

 0, 67.455, 337.373

69, 67.455,
337.373

69, 67.455,
337.373

65, 77.577,
338.346

74, 55.771,
336.489

61, 85.505,
339.444

79, 43.133,
335.669

59, 90.697,
340.721

85, 30.019,
334.898

57, 92.934,
342.245

91, 16.778,
334.166

57, 93.062,
343.509

98, 3.645, 333.398

100, 0.490,
200.726

Harmonies

Complementary

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



69, 67.455, 337.373



90, 67.311, 148.208

Rectangle

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



69, 67.455, 337.373



69, 67.455, 27.373



69, 67.455, 157.373



69, 67.455, 207.373

Sweetspot

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



69, 67.452, 337.373



90, 21.108, 334.397



59, 75.916, 304.979



47, 14.265, 334.548



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, 67.452, 337.373



65, 78.104, 338.369



67, 54.484, 8.441



50, 7.469, 333.928



43, 75.509, 343.174



11, 35.541, 340.898

Inverse Universe

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



69, 67.452, 337.373



65, 78.104, 338.369



92, 44.319, 175.137



50, 7.469, 333.928



43, 75.509, 343.174



11, 35.541, 340.898

Previews

White Background



This preview shows how the CIELCh color 69, 67.455, 337.373 looks on a white background.

Color Contrast Check

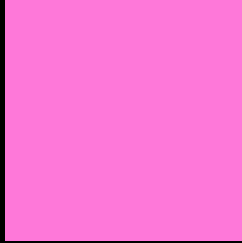
Large Text (above 18pt) WCAG AA × Fail

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, 67.455, 337.373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

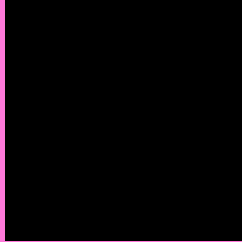
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 67.455, 337.373

Background



This preview shows how black text looks on a background with the CIELCh color 69, 67.455, 337.373.

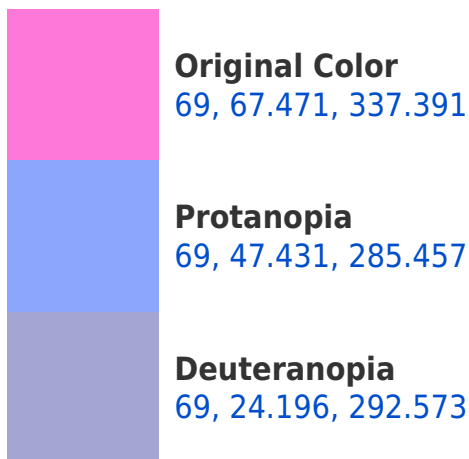


This preview shows how white text looks on a background with the CIELCh color 69, 67.455, 337.373.

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, 67.471, 337.391



Protanomaly
68, 50.812, 306.294



Deuteranomaly
68, 38.523, 318.948



Tritanomaly
69, 49.829, 358.504

Monochromacy



Original Color
69, 67.471, 337.391



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 26.776, 334.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 67.455, 337.373 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, 120, 217)` looks like.

```
.text, #text, p{  
    color:rgb(254, 120, 217)  
}
```

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, 120, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 120, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 67.455, 337.373 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, 120, 217) }
```

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

```
.border{ border-color:rgb(254, 120, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 120, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 120, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 120, 217);  
box-shadow:4px 4px 4px 4px rgb(254, 120,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 67.455, 337.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 120, 217) }
```

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

```
.background{ background-color: rgb(254,  
120, 217) }
```

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