

Converting Colors

CIELCh(67, 72.758, 336.103)

Have a look what the booklet for
CIELCh(67, 72.758, 336.103)
contains.

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Color

CIELCh(67, 72.763, 336.330)

Conversions

Conversions Part 1

Format	Color
Hex	FC6DD9
RGB	252, 109, 217
RGB Percent	99%, 43%, 85%
CMY	0.0119, 0.5726, 0.1491
CMYK	0.00, 0.57, 0.14, 0.01
HSL	315°, 96%, 71%
HSV	315°, 57%, 99%
XYZ	58.1240, 36.6320, 69.6375
YIQ	164.0690, 50.5600, 63.9040

Conversions

Conversions Part 2

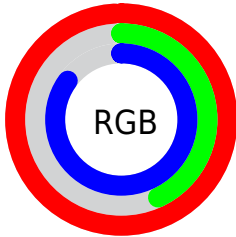
Format	Color
R _Y B	252, 109, 217
Decimal	16543193
CIE Lab	67.00, 66.64, -29.21
CIE LCh	67, 72.763, 336.330
Yxy	36.6320, 0.3536, 0.2228
Android (android.graphics.Color)	4294733273 (0xFFFC6DD9)
YUV	164.0690, 26.0950, 77.1155
Hunter-Lab	60.5244, 65.5032, -25.8502

Details

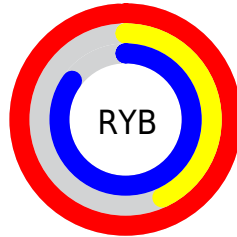
The CIELCh color $67, 72.763, 336.330$ is a light color, and the websafe version is hex FF66CC . A complement of this color would be $89, 73.158, 146.569$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 55.531, 326.337$, and $47, 72.666, 336.185$ is the 20% darker color. If you saturate the color by 10%, you get $63, 82.222, 337.245$, and if you desaturate by 10%, it is $72, 61.467, 335.489$.

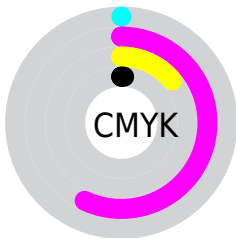
Distribution



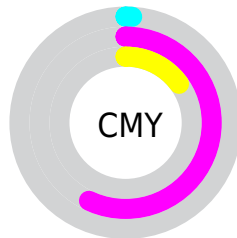
- Red (99%)
- Green (43%)
- Blue (85%)



- Red (99%)
- Yellow (43%)
- Blue (85%)



- Cyan (0%)
- Magenta (57%)
- Yellow (14%)
- Black (1%)





- Cyan (1%)
- Magenta (57%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 72.763, 336.330 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 67, 72.763, 336.330 by changing the saturation by 10% instead.

 67, 72.763,
336.330


 67, 72.763,
336.330


 100, 72.763,
336.330


 57, 72.763,
336.330


 87, 72.763,
336.330

 47, 72.763,
336.330

 97, 72.763,
336.330

 37, 72.763,
336.330

 27, 72.763,
336.330

 17, 72.763,
336.330

 7, 72.763, 336.330

 0, 72.763, 336.330

67, 72.763,
336.330

67, 72.763,
336.330

63, 82.222,
337.245

72, 61.467,
335.489

60, 89.236,
338.268

77, 48.971,
334.701

58, 93.368,
339.445

83, 35.805,
333.953

57, 94.595,
340.835

88, 22.373,
333.239

57, 94.629,
341.322

95, 8.958, 332.539

100, 1.173,
173.846

100, 1.050,
199.970

Harmonies

Complementary

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



67, 72.763, 336.330



89, 73.158, 146.569

Rectangle

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



67, 72.763, 336.330



67, 72.763, 26.330



67, 72.763, 156.330



67, 72.763, 206.330

Sweetspot

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



67, 72.760, 336.330



89, 22.933, 333.257



56, 81.521, 304.517



46, 15.351, 333.399



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67, 72.760, 336.330



63, 84.036, 337.371



65, 58.329, 6.871



49, 7.510, 332.733



42, 76.377, 341.033



11, 35.332, 339.036

Inverse Universe

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



67, 72.760, 336.330



63, 84.036, 337.371



91, 48.015, 171.996



49, 7.510, 332.733



42, 76.377, 341.033



11, 35.332, 339.036

Previews

White Background



This preview shows how the CIELCh color 67, 72.763, 336.330 looks on a white background.

Color Contrast Check

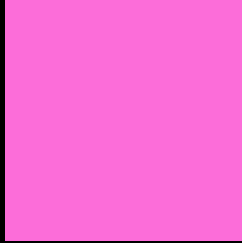
Large Text (above 18pt) WCAG AA × Fail

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 67, 72.763, 336.330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

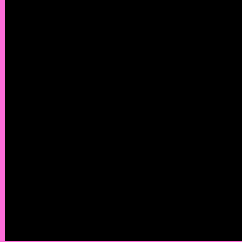
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 72.763, 336.330

Background



This preview shows how black text looks on a background with the CIELCh color 67, 72.763, 336.330.

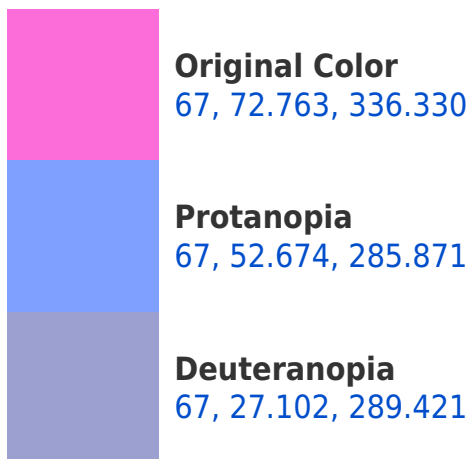


This preview shows how white text looks on a background with the CIELCh color 67, 72.763, 336.330.

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
67, 47.749, 19.035

Trichromacy



Original Color
67, 72.763, 336.330



Protanomaly
65, 56.519, 305.476



Deuteranomaly
66, 42.828, 316.855



Tritanomaly
67, 52.801, 358.830

Monochromacy



Original Color
67, 72.763, 336.330



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 28.857, 334.115

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 72.763, 336.330 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(252, 109, 217)` looks like.

```
.text, #text, p{  
    color:rgb(252, 109, 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(252, 109, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 109, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 72.763, 336.330 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(252, 109, 217) }
```

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

```
.border{ border-color:rgb(252, 109, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 109, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 109, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 109, 217); box-shadow:4px 4px 4px 4px rgb(252, 109, 217) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 72.763, 336.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 109, 217) }
```

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

```
.background{ background-color: rgb(252,  
109, 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](#).

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