

Converting Colors

CIELCh(67, 66.373, 334.610)

Have a look what the booklet for
CIELCh(67, 66.373, 334.610)
contains.

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Color

CIELCh(67, 66.302, 334.666)

Conversions

Conversions Part 1

Format	Color
Hex	F275D7
RGB	242, 117, 215
RGB Percent	95%, 46%, 84%
CMY	0.0499, 0.5401, 0.1558
CMYK	0.00, 0.52, 0.11, 0.05
HSL	313°, 83%, 71%
HSV	313°, 52%, 95%
XYZ	55.4080, 36.6320, 68.6219
YIQ	165.5470, 43.0420, 56.9780

Conversions

Conversions Part 2

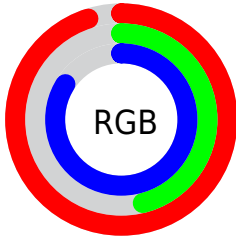
Format	Color
RYB	242, 117, 215
Decimal	15889879
CIELab	67.00, 59.93, -28.37
CIELCh	67, 66.302, 334.666
Yxy	36.6320, 0.3449, 0.2280
Android (android.graphics.Color)	4294079959 (0xFFFF275D7)
YUV	165.5470, 24.3803, 67.0493
Hunter-Lab	60.5244, 57.4932, -24.8553

Details

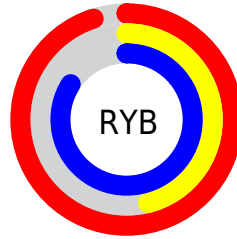
The CIELCh color $67, 66.302, 334.666$ is a light color, and the websafe version is hex `FF66CC`. A complement of this color would be $87, 66.477, 146.323$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 51.272, 326.194$, and $47, 66.160, 334.575$ is the 20% darker color. If you saturate the color by 10%, you get $63, 76.659, 335.463$, and if you desaturate by 10%, it is $72, 54.469, 333.911$.

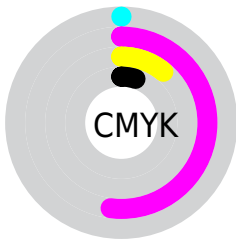
Distribution



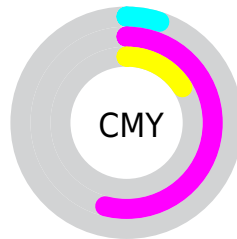
- Red (95%)
- Green (46%)
- Blue (84%)



- Red (95%)
- Yellow (46%)
- Blue (84%)



- Cyan (0%)
- Magenta (52%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (54%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 66.302, 334.666 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, 66.302, 334.666 by changing the saturation by 10% instead.

 67, 66.302,
334.666

 67, 66.302,
334.666

 100, 66.302,
334.666


 57, 66.302,
334.666

 87, 66.302,
334.666

 47, 66.302,
334.666

 97, 66.302,
334.666

 37, 66.302,
334.666

 27, 66.302,
334.666

 17, 66.302,
334.666

 7, 66.302, 334.666

 0, 66.302, 334.666

67, 66.302,
334.666

67, 66.302,
334.666

63, 76.659,
335.463

72, 54.469,
333.911

59, 84.933,
336.321

77, 41.738,
333.187

57, 90.588,
337.270

83, 28.562,
332.490

55, 93.366,
338.354

89, 15.272,
331.813

55, 93.828,
339.385

95, 2.094, 331.025

99, 6.173, 155.916

99, 4.699, 179.757

99, 4.385, 199.278

Harmonies

Complementary

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



67, 66.302, 334.666



87, 66.477, 146.323

Rectangle

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



67, 66.302, 334.666



67, 66.302, 24.666



67, 66.302, 154.666



67, 66.302, 204.666

Sweetspot

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



67, 66.299, 334.666



91, 20.628, 332.044



57, 71.313, 302.994



47, 14.087, 332.187



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, 66.299, 334.666



66, 80.243, 335.510



65, 51.787, 3.110



48, 7.536, 331.671



42, 77.193, 339.160



10, 35.055, 337.412

Inverse Universe

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



67, 66.299, 334.666



66, 80.243, 335.510



88, 44.340, 170.275



48, 7.536, 331.671



42, 77.193, 339.160



10, 35.055, 337.412

Previews

White Background



This preview shows how the CIELCh color 67, 66.302, 334.666 looks on a white background.

Color Contrast Check

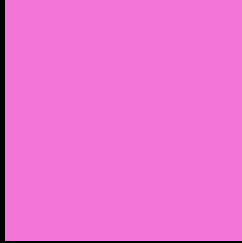
Large Text (above 18pt) WCAG AA × Fail

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, 66.302, 334.666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

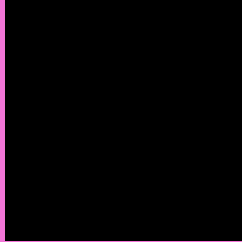
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 66.302, 334.666

Background



This preview shows how black text looks on a background with the CIELCh color 67, 66.302, 334.666.

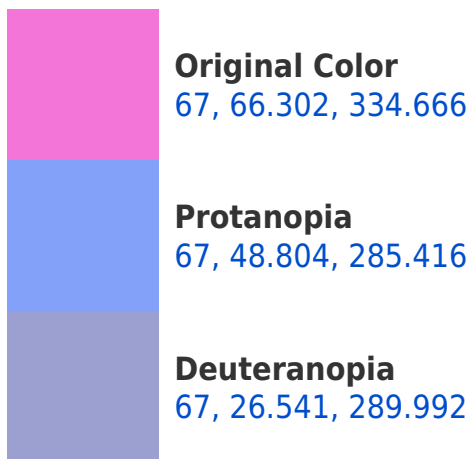


This preview shows how white text looks on a background with the CIELCh color 67, 66.302, 334.666.

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, 40.903, 16.358

Trichromacy



Original Color
67, 66.302, 334.666



Protanomaly
66, 51.855, 304.401



Deuteranomaly
66, 40.045, 315.237



Tritanomaly
67, 46.655, 355.897

Monochromacy



Original Color
67, 66.302, 334.666



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 26.161, 332.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 66.302, 334.666 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(242, 117, 215)` looks like.

```
.text, #text, p{  
    color:rgb(242, 117, 215)  
}
```

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(242, 117, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 117, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 66.302, 334.666 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(242, 117, 215) }
```

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

```
.border{ border-color:rgb(242, 117, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 117, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 117, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 117, 215);  
box-shadow:4px 4px 4px 4px rgb(242, 117,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 66.302, 334.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 117, 215) }
```

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

```
.background{ background-color: rgb(242,  
117, 215) }
```

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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