

Converting Colors

CIELCh(65, 67.977, 347.531)

Have a look what the booklet for
CIELCh(65, 67.977, 347.531)
contains.

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Color

CIELCh(65, 68.058, 347.307)

Conversions

Conversions Part 1

Format	Color
Hex	FE65BA
RGB	254, 101, 186
RGB Percent	100%, 40%, 73%
CMY	0.0027, 0.6028, 0.2695
CMYK	0.00, 0.60, 0.27, 0.00
HSL	327°, 99%, 70%
HSV	327°, 60%, 100%
XYZ	54.5562, 34.0472, 50.3011
YIQ	156.4370, 63.9030, 58.8710

Conversions

Conversions Part 2

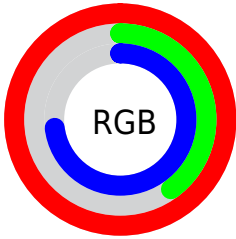
Format	Color
R _Y B	254, 101, 186
Decimal	16672186
CIE Lab	65.00, 66.39, -14.95
CIE LCh	65, 68.058, 347.307
Yxy	34.0472, 0.3928, 0.2451
Android (android.graphics.Color)	4294862266 (0xFFFE65BA)
YUV	156.4370, 14.5746, 85.5628
Hunter-Lab	58.3500, 64.7819, -10.2665

Details

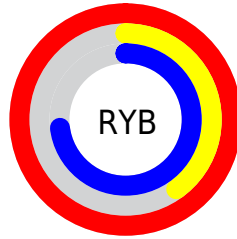
The CIELCh color **65, 68.058, 347.307** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 65.873, 154.043**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 54.528, 330.673**, and **45, 68.066, 347.363** is the 20% darker color. If you saturate the color by 10%, you get **61, 76.081, 349.119**, and if you desaturate by 10%, it is **70, 58.228, 345.813**.

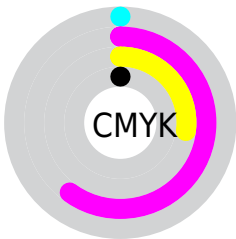
Distribution



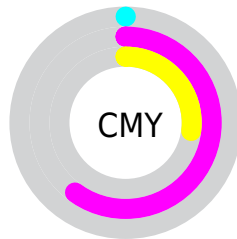
- Red (100%)
- Green (40%)
- Blue (73%)



- Red (100%)
- Yellow (40%)
- Blue (73%)



- Cyan (0%)
- Magenta (60%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 68.058, 347.307 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 65, 68.058, 347.307 by changing the saturation by 10% instead.


 65, 68.058,
347.307


 65, 68.058,
347.307


 100, 68.058,
347.307


 55, 68.058,
347.307


 85, 68.058,
347.307

 45, 68.058,
347.307

 95, 68.058,
347.307

 35, 68.058,
347.307

 25, 68.058,
347.307

 15, 68.058,
347.307

 5, 68.058, 347.307

 0, 68.058, 347.307

65, 68.058,
347.307

65, 68.058,
347.307

61, 76.081,
349.119

70, 58.228,
345.813

58, 81.740,
351.371

75, 47.221,
344.546

56, 84.735,
354.210

81, 35.570,
343.442

55, 85.487,
357.644

87, 23.682,
342.459

93, 11.834,
341.560

100, 0.201,
338.494

100, 0.243,
202.123

Harmonies

Complementary

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



65, 68.058, 347.307



90, 65.873, 154.043

Rectangle

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



65, 68.058, 347.307



65, 68.058, 37.307



65, 68.058, 167.307



65, 68.058, 217.307

Sweetspot

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



65, 68.054, 347.308



88, 21.150, 342.259



57, 87.216, 310.215



45, 14.728, 342.529



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 68.054, 347.308



61, 77.477, 349.497



63, 64.079, 23.026



50, 6.628, 341.502



41, 69.164, 356.944



11, 32.498, 352.220

Inverse Universe

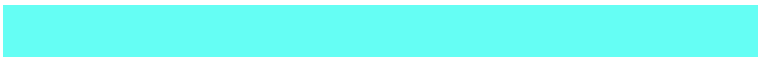
The Inverse Universe completely reimagines the original color for something new.



65, 68.054, 347.308



61, 77.477, 349.497



92, 43.195, 189.651



50, 6.628, 341.502



41, 69.164, 356.944



11, 32.498, 352.220

Previews

White Background



This preview shows how the CIELCh color 65, 68.058, 347.307 looks on a white background.

Color Contrast Check

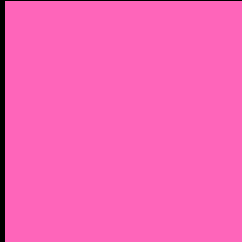
Large Text (above 18pt) WCAG AA × Fail

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 65, 68.058, 347.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

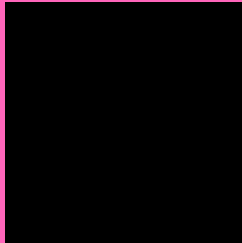
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 68.058, 347.307

Background



This preview shows how black text looks on a background with the CIELCh color 65, 68.058, 347.307.

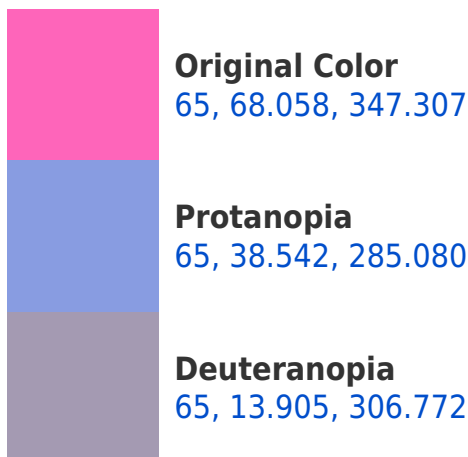


This preview shows how white text looks on a background with the CIELCh color 65, 68.058, 347.307.

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
65, 55.435, 21.681

Trichromacy



Original Color
65, 68.058, 347.307



Protanomaly
63, 44.415, 313.206



Deuteranomaly
64, 34.150, 334.803



Tritanomaly
65, 57.139, 7.349

Monochromacy



Original Color
65, 68.058, 347.307



Achromatopsia
65, 0.008, 296.813



Achromatomaly
63, 27.019, 342.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 68.058, 347.307 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, 101, 186)` looks like.

```
.text, #text, p{  
    color:rgb(254, 101, 186)  
}
```

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, 101, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 101, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 68.058, 347.307 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, 101, 186) }
```

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

```
.border{ border-color:rgb(254, 101, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 101, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 101, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 101, 186);  
box-shadow:4px 4px 4px 4px rgb(254, 101,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 68.058, 347.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 101, 186) }
```

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

```
.background{ background-color: rgb(254,  
101, 186) }
```

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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