

Converting Colors

CIELCh(65, 68.518, 347.158)

Have a look what the booklet for
CIELCh(65, 68.518, 347.158)
contains.

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Color

CIELCh(65, 68.518, 347.158)

Conversions

Conversions Part 1

Format	Color
Hex	FF65BB
RGB	255, 101, 187
RGB Percent	100%, 40%, 73%
CMY	0.0010, 0.6049, 0.2676
CMYK	0.00, 0.60, 0.27, 0.00
HSL	326°, 100%, 70%
HSV	326°, 60%, 100%
XYZ	54.7176, 34.0472, 50.5698
YIQ	156.8500, 64.1780, 59.3940

Conversions

Conversions Part 2

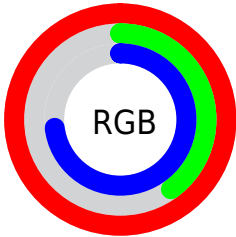
Format	Color
R _Y B	255, 101, 187
Decimal	16737723
CIE Lab	65.00, 66.80, -15.23
CIE LCh	65, 68.518, 347.158
Yxy	34.0472, 0.3927, 0.2444
Android (android.graphics.Color)	4294927803 (0xFFFF65BB)
YUV	156.8500, 14.8640, 86.0776
Hunter-Lab	58.3500, 65.2757, -10.5396

Details

The CIELCh color **65, 68.518, 347.158** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 66.408, 153.849**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 54.915, 330.318**, and **45, 68.740, 347.159** is the 20% darker color. If you saturate the color by 10%, you get **61, 76.496, 348.965**, and if you desaturate by 10%, it is **70, 58.707, 345.668**.

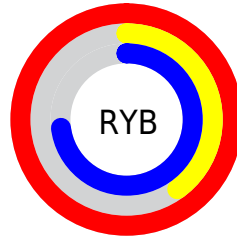
Distribution



Red (100%)

Green (40%)

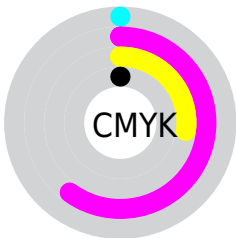
Blue (73%)



Red (100%)

Yellow (40%)

Blue (73%)

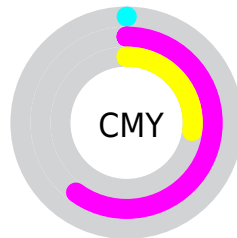


Cyan (0%)

Magenta (60%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (60%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 68.518, 347.158 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, 68.518, 347.158 by changing the saturation by 10% instead.

 65, 68.518,
347.158


 65, 68.518,
347.158


 100, 68.518,
347.158

 55, 68.518,
347.158


 85, 68.518,
347.158

 45, 68.518,
347.158

 95, 68.518,
347.158

 35, 68.518,
347.158

 25, 68.518,
347.158

 15, 68.518,
347.158

 5, 68.518, 347.158

 0, 68.518, 347.158

65, 68.518,
347.158

65, 68.518,
347.158

61, 76.496,
348.965

70, 58.707,
345.668

58, 82.086,
351.210

75, 47.695,
344.403

56, 84.998,
354.039

81, 36.022,
343.302

55, 85.683,
357.351

87, 24.098,
342.321

93, 12.205,
341.424

100, 0.523,
339.777

100, 0.091,
206.731

Harmonies

Complementary

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



65, 68.518, 347.158



90, 66.408, 153.849

Rectangle

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



65, 68.518, 347.158



65, 68.518, 37.158



65, 68.518, 167.158



65, 68.518, 217.158

Sweetspot

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



65, 68.514, 347.159



88, 21.196, 342.096



57, 87.736, 310.230



45, 14.759, 342.365



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, 68.514, 347.159



60, 78.233, 349.492



63, 64.488, 23.109



50, 6.642, 341.342



41, 69.237, 356.654



11, 32.541, 351.981

Inverse Universe

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



65, 68.514, 347.159



60, 78.233, 349.492



92, 43.381, 189.630



50, 6.642, 341.342



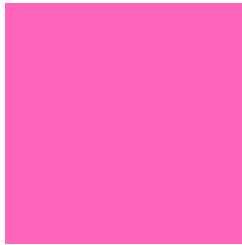
41, 69.237, 356.654



11, 32.541, 351.981

Previews

White Background



This preview shows how the CIELCh color 65, 68.518, 347.158 looks on a white background.

Color Contrast Check

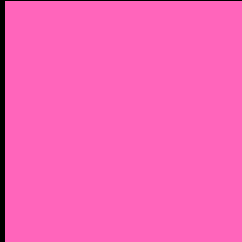
Large Text (above 18pt) WCAG AA × Fail

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, 68.518, 347.158 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, 68.518, 347.158

Background



This preview shows how black text looks on a background with the CIELCh color 65, 68.518, 347.158.

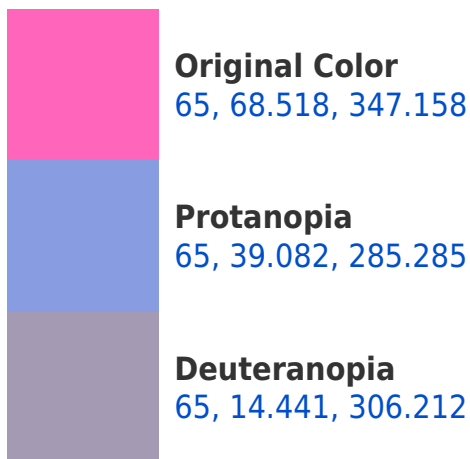


This preview shows how white text looks on a background with the CIELCh color 65, 68.518, 347.158.

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](#).

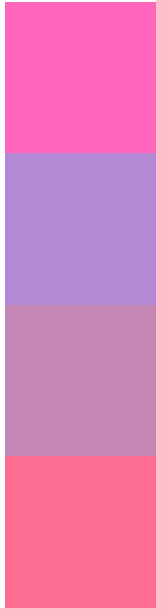
Dichromacy





Tritanopia
65, 55.902, 21.812

Trichromacy



Original Color
65, 68.518, 347.158

Protanomaly
63, 44.925, 312.978

Deuteranomaly
64, 34.531, 334.156

Tritanomaly
65, 57.528, 7.589

Monochromacy



Original Color
65, 68.518, 347.158

Achromatopsia
65, 0.008, 296.813

Achromatomaly
63, 27.309, 343.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 68.518, 347.158 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(255, 101, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 101, 187)  
}
```

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(255, 101, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 101, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 68.518, 347.158 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(255, 101, 187) }
```

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

```
.border{ border-color:rgb(255, 101, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 101, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 101, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 101, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 101,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 68.518, 347.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 101, 187) }
```

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

```
.background{ background-color: rgb(255,  
101, 187) }
```

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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