

Converting Colors

CIELCh(65, 68.220, 346.999)

Have a look what the booklet for
CIELCh(65, 68.220, 346.999)
contains.

CIELCh(65, 68.296, 346.908)	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(65, 68.296, 346.908)

Conversions

Conversions Part 1

Format	Color
Hex	FE65BB
RGB	254, 101, 187
RGB Percent	100%, 40%, 73%
CMY	0.0031, 0.6032, 0.2660
CMYK	0.00, 0.60, 0.26, 0.00
HSL	326°, 99%, 70%
HSV	326°, 60%, 100%
XYZ	54.6059, 34.0472, 50.8063
YIQ	156.5510, 63.5820, 59.1820

Conversions

Conversions Part 2

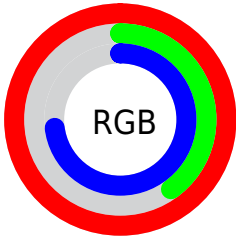
Format	Color
RYB	254, 101, 187
Decimal	16672187
CIELab	65.00, 66.52, -15.47
CIELCh	65, 68.296, 346.908
Yxy	34.0472, 0.3916, 0.2441
Android (android.graphics.Color)	4294862267 (0xFFFE65BB)
YUV	156.5510, 15.0114, 85.4628
Hunter-Lab	58.3500, 64.9339, -10.7799

Details

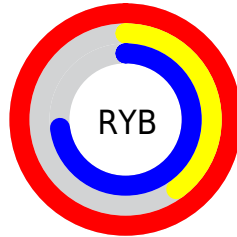
The CIELCh color **65, 68.296, 346.908** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 66.253, 153.734**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 54.915, 330.318**, and **45, 68.299, 346.933** is the 20% darker color. If you saturate the color by 10%, you get **61, 76.320, 348.688**, and if you desaturate by 10%, it is **70, 58.452, 345.438**.

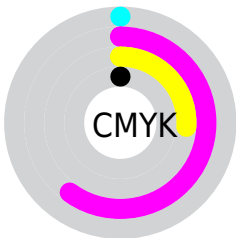
Distribution



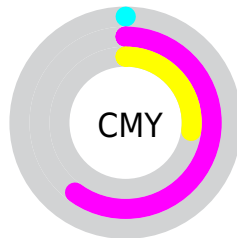
- Red (100%)
- Green (40%)
- Blue (73%)



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



- Cyan (0%)
- Magenta (60%)
- Yellow (26%)
- Black (0%)




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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 68.296, 346.908 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, 68.296, 346.908 by changing the saturation by 10% instead.

 65, 68.296,
346.908


 65, 68.296,
346.908


 100, 68.296,
346.908


 55, 68.296,
346.908


 85, 68.296,
346.908

 45, 68.296,
346.908

 95, 68.296,
346.908

 35, 68.296,
346.908

 25, 68.296,
346.908

 15, 68.296,
346.908

 5, 68.296, 346.908

 0, 68.296, 346.908

65, 68.296,
346.908

65, 68.296,
346.908

61, 76.320,
348.688

70, 58.452,
345.438

58, 81.967,
350.896

75, 47.420,
344.187

56, 84.933,
353.677

81, 35.735,
343.096

55, 85.640,
357.031

87, 23.806,
342.123

93, 11.912,
341.231

100, 0.229,
338.461

100, 0.278,
201.771

Harmonies

Complementary

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



65, 68.296, 346.908



90, 66.253, 153.734

Rectangle

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



65, 68.296, 346.908



65, 68.296, 36.908



65, 68.296, 166.908



65, 68.296, 216.908

Sweetspot

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



65, 68.292, 346.909



88, 21.244, 341.922



57, 87.221, 310.216



45, 14.792, 342.190



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, 68.292, 346.909



61, 77.725, 349.055



63, 64.085, 23.033



50, 6.658, 341.172



42, 69.316, 356.346



11, 32.587, 351.727

Inverse Universe

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



65, 68.292, 346.909



61, 77.725, 349.055



92, 43.192, 189.649



50, 6.658, 341.172



42, 69.316, 356.346



11, 32.587, 351.727

Previews

White Background



This preview shows how the CIELCh color 65, 68.296, 346.908 looks on a white background.

Color Contrast Check

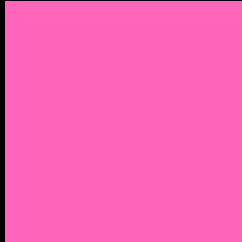
Large Text (above 18pt) WCAG AA × Fail

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, 68.296, 346.908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

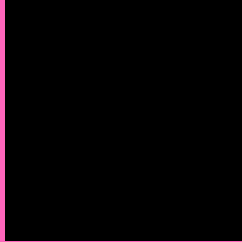
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 68.296, 346.908

Background



This preview shows how black text looks on a background with the CIELCh color 65, 68.296, 346.908.

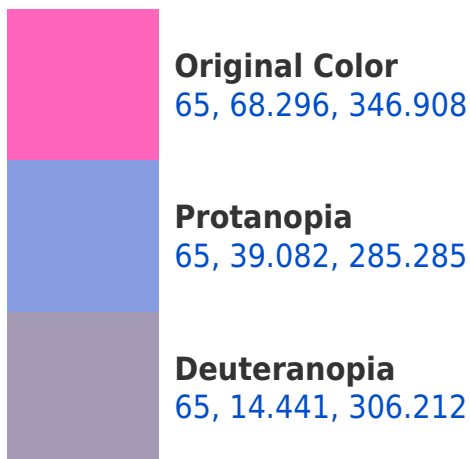


This preview shows how white text looks on a background with the CIELCh color 65, 68.296, 346.908.

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, 68.296, 346.908



Protanomaly
63, 44.925, 312.978



Deuteranomaly
64, 34.531, 334.156



Tritanomaly
65, 57.139, 7.349

Monochromacy



Original Color
65, 68.296, 346.908



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, 68.296, 346.908 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 101, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 101, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 68.296, 346.908 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, 187) }
```

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

```
.border{ border-color:rgb(254, 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(254, 101, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 101, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 101, 187);  
box-shadow:4px 4px 4px 4px rgb(254, 101,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 68.296, 346.908 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, 187) }
```

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

```
.background{ background-color: rgb(254,  
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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