

Converting Colors

CIELCh(65, 69.252, 347.874)

Have a look what the booklet for
CIELCh(65, 69.252, 347.874)
contains.

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Color

CIELCh(65, 69.192, 347.333)

Conversions

Conversions Part 1

Format	Color
Hex	FF64BB
RGB	255, 100, 187
RGB Percent	100%, 39%, 73%
CMY	0.0000, 0.6088, 0.2679
CMYK	0.00, 0.61, 0.27, 0.00
HSL	326°, 100%, 70%
HSV	326°, 61%, 100%
XYZ	54.9958, 34.0472, 50.5147
YIQ	156.2630, 64.4530, 59.9170

Conversions

Conversions Part 2

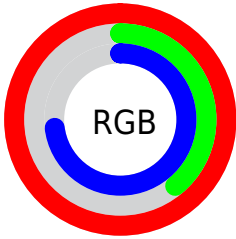
Format	Color
R _{YB}	255, 100, 187
Decimal	16737467
CIE Lab	65.00, 67.51, -15.17
CIE LCh	65, 69.192, 347.333
Yxy	34.0472, 0.3941, 0.2440
Android (android.graphics.Color)	4294927547 (0xFFFF64BB)
YUV	156.2630, 15.1533, 86.5923
Hunter-Lab	58.3500, 66.1268, -10.4835

Details

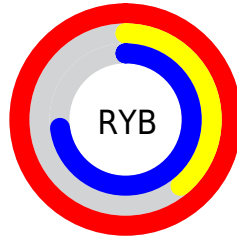
The CIELCh color **65, 69.192, 347.333** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 66.956, 153.710**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 55.513, 330.299**, and **45, 69.008, 347.099** is the 20% darker color. If you saturate the color by 10%, you get **61, 76.911, 348.957**, and if you desaturate by 10%, it is **70, 59.263, 345.644**.

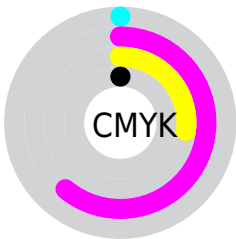
Distribution



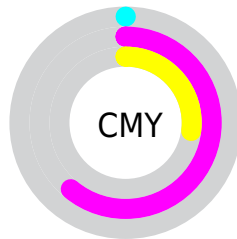
- Red (100%)
- Green (39%)
- Blue (73%)



- Red (100%)
- Yellow (39%)
- Blue (73%)



- Cyan (0%)
- Magenta (61%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (61%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 69.192, 347.333 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, 69.192, 347.333 by changing the saturation by 10% instead.


 65, 69.192,
347.333


 65, 69.192,
347.333


 100, 69.192,
347.333


 55, 69.192,
347.333


 85, 69.192,
347.333

 45, 69.192,
347.333

 95, 69.192,
347.333

 35, 69.192,
347.333

 25, 69.192,
347.333

 15, 69.192,
347.333

 5, 69.192, 347.333

 0, 69.192, 347.333

65, 69.192,
347.333

65, 69.192,
347.333

61, 76.911,
348.957

70, 59.263,
345.644

58, 82.389,
351.213

75, 48.276,
344.375

56, 85.182,
354.058

81, 36.604,
343.270

55, 85.789,
357.217

87, 24.664,
342.287

93, 12.745,
341.389

99, 1.029, 340.173

100, 0.012,
296.813

Harmonies

Complementary

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



65, 69.192, 347.333



90, 66.956, 153.710

Rectangle

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



65, 69.192, 347.333



65, 69.192, 37.333



65, 69.192, 167.333



65, 69.192, 217.333

Sweetspot

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



65, 69.016, 347.141



88, 21.216, 342.021



57, 88.434, 310.255



45, 14.773, 342.289



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, 69.016, 347.141



60, 78.288, 349.393



63, 65.042, 23.238



50, 6.649, 341.268



41, 69.270, 356.521



11, 32.560, 351.871

Inverse Universe

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



65, 69.016, 347.141



60, 78.288, 349.393



92, 43.615, 189.599



50, 6.649, 341.268



41, 69.270, 356.521



11, 32.560, 351.871

Previews

White Background



This preview shows how the CIELCh color 65, 69.192, 347.333 looks on a white background.

Color Contrast Check

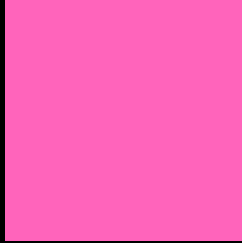
Large Text (above 18pt) WCAG AA × Fail

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, 69.192, 347.333 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, 69.192, 347.333

Background



This preview shows how black text looks on a background with the CIELCh color 65, 69.192, 347.333.

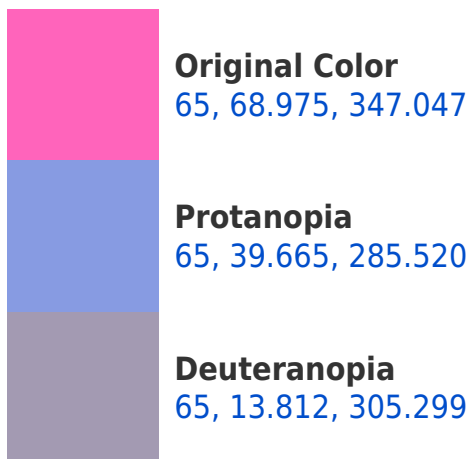


This preview shows how white text looks on a background with the CIELCh color 65, 69.192, 347.333.

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, 68.975, 347.047



Protanomaly
63, 45.571, 313.183



Deuteranomaly
63, 34.561, 334.166



Tritanomaly
65, 57.945, 7.290

Monochromacy



Original Color
65, 68.975, 347.047



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 27.336, 343.385

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 69.192, 347.333 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, 100, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 100, 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, 100, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 100, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 69.192, 347.333 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, 100, 187) }
```

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

```
.border{ border-color:rgb(255, 100, 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, 100, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 100, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 100, 187); box-shadow:4px 4px 4px 4px rgb(255, 100, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 69.192, 347.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 100, 187) }
```

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

```
.background{ background-color: rgb(255,  
100, 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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