

Converting Colors

CIELCh(63, 65.524, 347.950)

Have a look what the booklet for
CIELCh(63, 65.524, 347.950)
contains.

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Color

CIELCh(63, 65.523, 347.911)

Conversions

Conversions Part 1

Format	Color
Hex	F663B3
RGB	246, 99, 179
RGB Percent	96%, 39%, 70%
CMY	0.0371, 0.6135, 0.2997
CMYK	0.00, 0.60, 0.27, 0.04
HSL	327°, 89%, 67%
HSV	327°, 60%, 96%
XYZ	50.3576, 31.5869, 45.8702
YIQ	152.0730, 61.9320, 56.0440

Conversions

Conversions Part 2

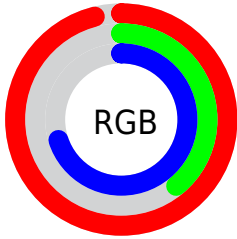
Format	Color
R _Y B	246, 99, 179
Decimal	16147379
CIE Lab	63.00, 64.07, -13.72
CIE LCh	63, 65.523, 347.911
Yxy	31.5869, 0.3940, 0.2471
Android (android.graphics.Color)	4294337459 (0xFFFF663B3)
YUV	152.0730, 13.2750, 82.3740
Hunter-Lab	56.2022, 61.5832, -9.0488

Details

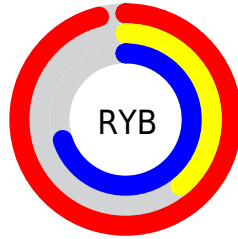
The CIELCh color **63, 65.523, 347.911** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **87, 63.154, 154.626**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 53.670, 333.170**, and **43, 65.370, 348.043** is the 20% darker color. If you saturate the color by 10%, you get **59, 73.397, 349.758**, and if you desaturate by 10%, it is **68, 55.941, 346.392**.

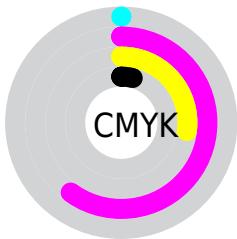
Distribution



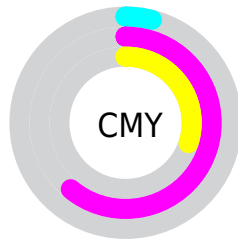
- Red (96%)
- Green (39%)
- Blue (70%)



- Red (96%)
- Yellow (39%)
- Blue (70%)



- Cyan (0%)
- Magenta (60%)
- Yellow (27%)
- Black (4%)





- Cyan (4%)
- Magenta (61%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 65.523, 347.911 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 63, 65.523, 347.911 by changing the saturation by 10% instead.


 63, 65.523,
347.911


 63, 65.523,
347.911


 100, 65.523,
347.911


 53, 65.523,
347.911


 83, 65.523,
347.911

 43, 65.523,
347.911

 93, 65.523,
347.911

 33, 65.523,
347.911

 23, 65.523,
347.911

 13, 65.523,
347.911

 3, 65.523, 347.911

 0, 65.523, 347.911

63, 65.523,
347.911

63, 65.523,
347.911

59, 73.397,
349.758

68, 55.941,
346.392

56, 79.021,
352.056

73, 45.257,
345.105

54, 82.092,
354.957

78, 33.980,
343.988

53, 82.992,
358.535

84, 22.494,
342.995

53, 83.002,
358.589

90, 11.063,
342.087

97, 0.152, 164.324

99, 3.274, 199.400

Harmonies

Complementary

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



63, 65.523, 347.911



87, 63.154, 154.626

Rectangle

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



63, 65.523, 347.911



63, 65.523, 37.911



63, 65.523, 167.911



63, 65.523, 217.911

Sweetspot

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



63, 65.519, 347.912



88, 20.997, 342.825



56, 84.352, 310.663



45, 14.622, 343.099



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 65.519, 347.912



61, 77.077, 350.239



61, 62.299, 24.106



48, 6.361, 342.054



40, 67.575, 357.865



9, 30.734, 352.513

Inverse Universe

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



63, 65.519, 347.912



61, 77.077, 350.239



89, 41.465, 191.433



48, 6.361, 342.054



40, 67.575, 357.865



9, 30.734, 352.513

Previews

White Background



This preview shows how the CIELCh color 63, 65.523, 347.911 looks on a white background.

Color Contrast Check

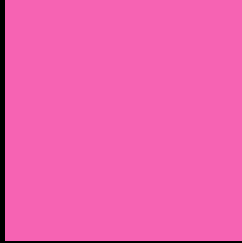
Large Text (above 18pt) WCAG AA × Fail

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 63, 65.523, 347.911 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 63, 65.523, 347.911

Background



This preview shows how black text looks on a background with the CIELCh color 63, 65.523, 347.911.

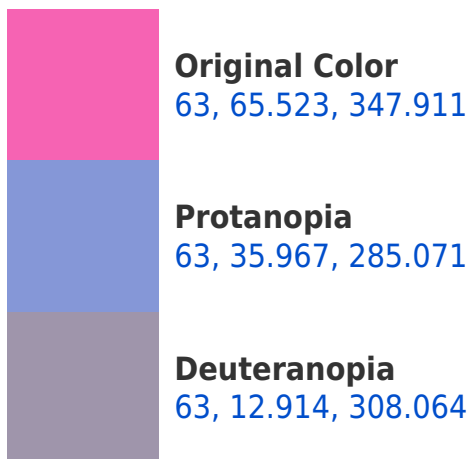


This preview shows how white text looks on a background with the CIELCh color 63, 65.523, 347.911.

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
63, 53.669, 21.463

Trichromacy



Original Color
63, 65.523, 347.911



Protanomaly
61, 41.946, 314.020



Deuteranomaly
62, 32.430, 335.304



Tritanomaly
63, 55.462, 7.728

Monochromacy



Original Color
63, 65.523, 347.911



Achromatopsia
63, 0.008, 296.813



Achromatomaly
62, 25.915, 343.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 65.523, 347.911 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(246, 99, 179)` looks like.

```
.text, #text, p{  
    color:rgb(246, 99, 179)  
}
```

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(246, 99, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 99, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 65.523, 347.911 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(246, 99, 179) }
```

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

```
.border{ border-color:rgb(246, 99, 179) }
```

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

Here you see how a box with a 4 pixel rgb(246, 99, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 99, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 99, 179);  
box-shadow:4px 4px 4px 4px rgb(246, 99,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 65.523, 347.911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 99, 179) }
```

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

```
.background{ background-color: rgb(246, 99,  
179) }
```

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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