

Converting Colors

CIELCh(64, 67.847, 345.128)

Have a look what the booklet for
CIELCh(64, 67.847, 345.128)
contains.

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Color

CIELCh(64, 67.922, 345.136)

Conversions

Conversions Part 1

Format	Color
Hex	F964BC
RGB	249, 100, 188
RGB Percent	98%, 39%, 74%
CMY	0.0243, 0.6086, 0.2635
CMYK	0.00, 0.60, 0.25, 0.02
HSL	325°, 92%, 68%
HSV	325°, 60%, 98%
XYZ	52.5889, 32.8017, 51.0321
YIQ	154.5830, 60.5560, 58.9560

Conversions

Conversions Part 2

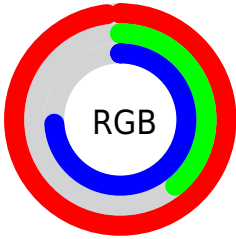
Format	Color
R _Y B	249, 100, 188
Decimal	16344252
CIE Lab	64.00, 65.65, -17.42
CIE LCh	64, 67.922, 345.136
Yxy	32.8017, 0.3855, 0.2404
Android (android.graphics.Color)	4294534332 (0xFFFF964BC)
YUV	154.5830, 16.4746, 82.8037
Hunter-Lab	57.2727, 63.6747, -12.7387

Details

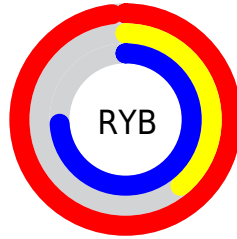
The CIELCh color **64, 67.922, 345.136** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **88, 66.461, 152.498**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 56.499, 329.938**, and **44, 68.033, 344.990** is the 20% darker color. If you saturate the color by 10%, you get **60, 75.940, 346.762**, and if you desaturate by 10%, it is **69, 58.093, 343.778**.

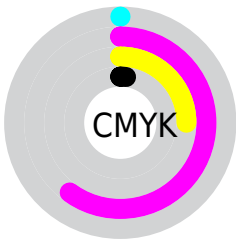
Distribution



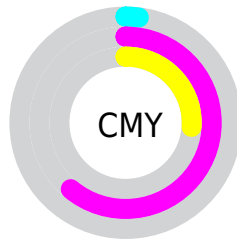
- Red (98%)
- Green (39%)
- Blue (74%)



- Red (98%)
- Yellow (39%)
- Blue (74%)



- Cyan (0%)
- Magenta (60%)
- Yellow (25%)
- Black (2%)




- Cyan (2%)
- Magenta (61%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 67.922, 345.136 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 64, 67.922, 345.136 by changing the saturation by 10% instead.

 64, 67.922,
345.136


 64, 67.922,
345.136

 100, 67.922,
345.136


 54, 67.922,
345.136


 84, 67.922,
345.136

 44, 67.922,
345.136

 94, 67.922,
345.136

 34, 67.922,
345.136

 24, 67.922,
345.136

 14, 67.922,
345.136

 4, 67.922, 345.136

 0, 67.922, 345.136

64, 67.922,
345.136

64, 67.922,
345.136

60, 75.940,
346.762

69, 58.093,
343.778

57, 81.587,
348.758

74, 47.078,
342.609

55, 84.541,
351.254

79, 35.406,
341.579

54, 85.163,
354.327

85, 23.479,
340.651

54, 85.167,
354.365

92, 11.576,
339.794

98, 0.130, 162.470

100, 2.152,
199.577

Harmonies

Complementary

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



64, 67.922, 345.136



88, 66.461, 152.498

Rectangle

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



64, 67.922, 345.136



64, 67.922, 35.136



64, 67.922, 165.136



64, 67.922, 215.136

Sweetspot

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



64, 67.918, 345.137



88, 21.661, 340.488



55, 85.264, 309.262



45, 15.079, 340.745



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 67.918, 345.137



61, 78.870, 347.167



62, 61.966, 20.473



49, 6.681, 339.762



41, 69.392, 353.755



10, 32.182, 349.402

Inverse Universe

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



64, 67.918, 345.137



61, 78.870, 347.167



90, 43.246, 186.275



49, 6.681, 339.762



41, 69.392, 353.755



10, 32.182, 349.402

Previews

White Background



This preview shows how the CIELCh color 64, 67.922, 345.136 looks on a white background.

Color Contrast Check

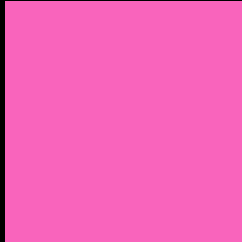
Large Text (above 18pt) WCAG AA × Fail

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 64, 67.922, 345.136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

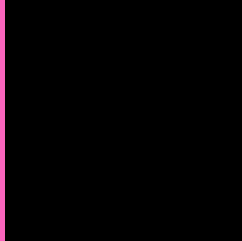
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 67.922, 345.136

Background



This preview shows how black text looks on a background with the CIELCh color 64, 67.922, 345.136.

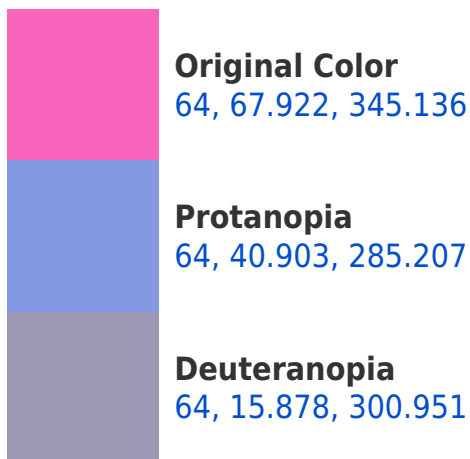


This preview shows how white text looks on a background with the CIELCh color 64, 67.922, 345.136.

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
64, 53.479, 21.312

Trichromacy



Original Color
64, 67.922, 345.136



Protanomaly
62, 45.791, 311.312



Deuteranomaly
63, 35.125, 330.791



Tritanomaly
64, 55.902, 5.569

Monochromacy



Original Color
64, 67.922, 345.136



Achromatopsia
64, 0.008, 296.813



Achromatomaly
62, 27.138, 341.325

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 67.922, 345.136 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(249, 100, 188)` looks like.

```
.text, #text, p{  
    color:rgb(249, 100, 188)  
}
```

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(249, 100, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 100, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 67.922, 345.136 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(249, 100, 188) }
```

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

```
.border{ border-color:rgb(249, 100, 188) }
```

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

Here you see how a box with a 4 pixel rgb(249, 100, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 100, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 100, 188);  
box-shadow:4px 4px 4px 4px rgb(249, 100,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 67.922, 345.136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 100, 188) }
```

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

```
.background{ background-color: rgb(249,  
100, 188) }
```

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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