

Converting Colors

CIELCh(63, 71.690, 344.403)

Have a look what the booklet for
CIELCh(63, 71.690, 344.403)
contains.

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Color

CIELCh(63, 71.763, 344.645)

Conversions

Conversions Part 1

Format	Color
Hex	FA5CBC
RGB	250, 92, 188
RGB Percent	98%, 36%, 74%
CMY	0.0198, 0.6394, 0.2629
CMYK	0.00, 0.63, 0.25, 0.02
HSL	324°, 94%, 67%
HSV	324°, 63%, 98%
XYZ	52.2980, 31.5869, 50.8893
YIQ	150.1860, 63.3520, 63.3520

Conversions

Conversions Part 2

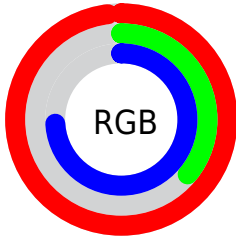
Format	Color
R _Y B	250, 92, 188
Decimal	16407740
CIE Lab	63.00, 69.20, -19.00
CIE LCh	63, 71.763, 344.645
Yxy	31.5869, 0.3880, 0.2344
Android (android.graphics.Color)	4294597820 (0xFFFA5CBC)
YUV	150.1860, 18.6423, 87.5369
Hunter-Lab	56.2022, 67.7462, -14.3436

Details

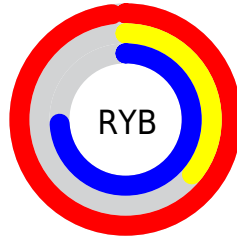
The CIELCh color **63, 71.763, 344.645** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **88, 70.861, 151.222**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 60.632, 329.853**, and **43, 71.849, 344.597** is the 20% darker color. If you saturate the color by 10%, you get **59, 79.101, 346.294**, and if you desaturate by 10%, it is **67, 62.374, 343.272**.

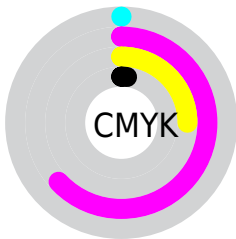
Distribution



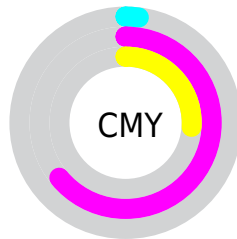
- Red (98%)
- Green (36%)
- Blue (74%)



- Red (98%)
- Yellow (36%)
- Blue (74%)



- Cyan (0%)
- Magenta (63%)
- Yellow (25%)
- Black (2%)




- Cyan (2%)
- Magenta (64%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 71.763, 344.645 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, 71.763, 344.645 by changing the saturation by 10% instead.


 63, 71.763,
344.645


 63, 71.763,
344.645


 100, 71.763,
344.645


 53, 71.763,
344.645


 83, 71.763,
344.645

 43, 71.763,
344.645

 93, 71.763,
344.645

 33, 71.763,
344.645

 23, 71.763,
344.645

 13, 71.763,
344.645

 3, 71.763, 344.645

 0, 71.763, 344.645

63, 71.763,
344.645

63, 71.763,
344.645

59, 79.101,
346.294

67, 62.374,
343.272

57, 83.881,
348.322

72, 51.569,
342.093

55, 85.912,
350.857

78, 39.918,
341.056

55, 86.085,
352.874

84, 27.877,
340.123

90, 15.766,
339.266

96, 3.798, 338.402

100, 1.755,
199.672

Harmonies

Complementary

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



63, 71.763, 344.645



88, 70.861, 151.222

Rectangle

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



63, 71.763, 344.645



63, 71.763, 34.645



63, 71.763, 164.645



63, 71.763, 214.645

Sweetspot

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



63, 71.759, 344.646



88, 23.145, 339.756



53, 90.324, 309.024



45, 15.953, 340.005



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, 71.759, 344.646



60, 81.987, 346.832



61, 65.474, 20.246



49, 6.761, 338.959



41, 69.910, 352.293



10, 32.445, 348.213

Inverse Universe

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



63, 71.759, 344.646



60, 81.987, 346.832



90, 45.499, 184.293



49, 6.761, 338.959



41, 69.910, 352.293



10, 32.445, 348.213

Previews

White Background



This preview shows how the CIELCh color 63, 71.763, 344.645 looks on a white background.

Color Contrast Check

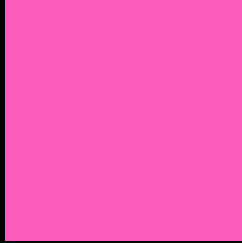
Large Text (above 18pt) WCAG AA × Fail

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, 71.763, 344.645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

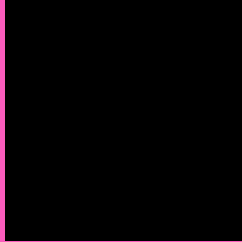
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 71.763, 344.645

Background



This preview shows how black text looks on a background with the CIELCh color 63, 71.763, 344.645.

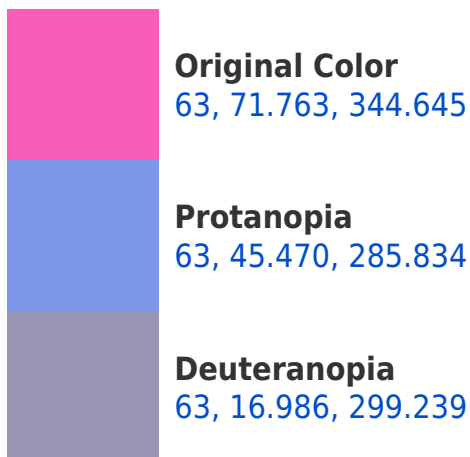


This preview shows how white text looks on a background with the CIELCh color 63, 71.763, 344.645.

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, 56.693, 22.210

Trichromacy



Original Color
63, 71.763, 344.645



Protanomaly
61, 50.274, 310.329



Deuteranomaly
61, 37.550, 330.108



Tritanomaly
63, 58.604, 6.210

Monochromacy



Original Color
63, 71.763, 344.645



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 29.112, 340.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 71.763, 344.645 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(250, 92, 188)` looks like.

```
.text, #text, p{  
    color:rgb(250, 92, 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(250, 92, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 92, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 71.763, 344.645 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(250, 92, 188) }
```

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

```
.border{ border-color:rgb(250, 92, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 92, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 92, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 92, 188);  
box-shadow:4px 4px 4px 4px rgb(250, 92,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 71.763, 344.645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 92, 188) }
```

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

```
.background{ background-color: rgb(250, 92,  
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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