

Converting Colors

CIELCh(63, 72.805, 348.131)

Have a look what the booklet for
CIELCh(63, 72.805, 348.131)
contains.

CIELCh(63, 72.805, 348.131)	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(63, 72.805, 348.131)

Conversions

Conversions Part 1

Format	Color
Hex	FF58B5
RGB	255, 88, 181
RGB Percent	100%, 35%, 71%
CMY	0.0000, 0.6548, 0.2901
CMYK	0.00, 0.65, 0.29, 0.00
HSL	327°, 100%, 67%
HSV	327°, 65%, 100%
XYZ	53.0859, 31.5869, 47.0286
YIQ	148.5350, 69.6790, 64.3270

Conversions

Conversions Part 2

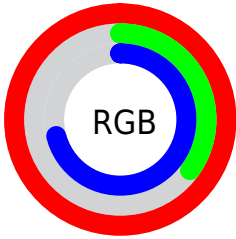
Format	Color
R _Y B	255, 88, 181
Decimal	16734389
CIE Lab	63.00, 71.25, -14.97
CIE LCh	63, 72.805, 348.131
Yxy	31.5869, 0.4031, 0.2398
Android (android.graphics.Color)	4294924469 (0xFFFF58B5)
YUV	148.5350, 16.0052, 93.3698
Hunter-Lab	56.2022, 70.2484, -10.2708

Details

The CIELCh color **63, 72.805, 348.131** 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 **90, 70.941, 153.083**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 59.702, 332.088**, and **43, 72.776, 348.159** is the 20% darker color. If you saturate the color by 10%, you get **60, 79.637, 350.144**, and if you desaturate by 10%, it is **67, 63.824, 346.481**.

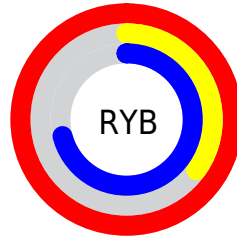
Distribution



Red (100%)

Green (35%)

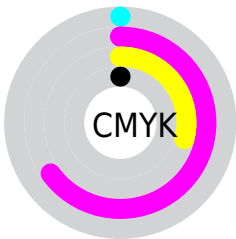
Blue (71%)



Red (100%)

Yellow (35%)

Blue (71%)

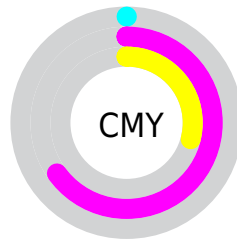


Cyan (0%)

Magenta (65%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (65%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 72.805, 348.131 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, 72.805, 348.131 by changing the saturation by 10% instead.


 63, 72.805,
348.131


 63, 72.805,
348.131


 100, 72.805,
348.131


 53, 72.805,
348.131


 83, 72.805,
348.131

 43, 72.805,
348.131

 93, 72.805,
348.131

 33, 72.805,
348.131

 23, 72.805,
348.131

 13, 72.805,
348.131

 3, 72.805, 348.131

 0, 72.805, 348.131

63, 72.805,
348.131

63, 72.805,
348.131

60, 79.637,
350.144

67, 63.824,
346.481

57, 83.895,
352.677

72, 53.341,
345.107

56, 85.519,
355.870

78, 41.940,
343.926

55, 85.705,
357.504

84, 30.099,
342.887

90, 18.165,
341.950

96, 6.362, 341.064

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.



63, 72.805, 348.131



90, 70.941, 153.083

Rectangle

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



63, 72.805, 348.131



63, 72.805, 38.131



63, 72.805, 168.131



63, 72.805, 218.131

Sweetspot

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



63, 72.795, 348.125



87, 23.560, 342.363



54, 94.875, 310.491



45, 16.101, 342.628



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, 72.795, 348.125



59, 81.447, 350.970



61, 70.256, 24.670



50, 6.635, 341.424



41, 69.199, 356.801



11, 32.519, 352.102

Inverse Universe

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



63, 72.795, 348.125



59, 81.447, 350.970



92, 45.577, 189.267



50, 6.635, 341.424



41, 69.199, 356.801



11, 32.519, 352.102

Previews

White Background



This preview shows how the CIELCh color 63, 72.805, 348.131 looks on a white background.

Color Contrast Check

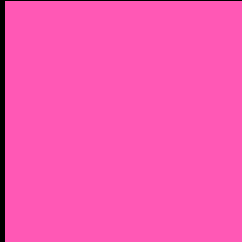
Large Text (above 18pt) WCAG AA × Fail

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, 72.805, 348.131 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, 72.805, 348.131

Background



This preview shows how black text looks on a background with the CIELCh color 63, 72.805, 348.131.

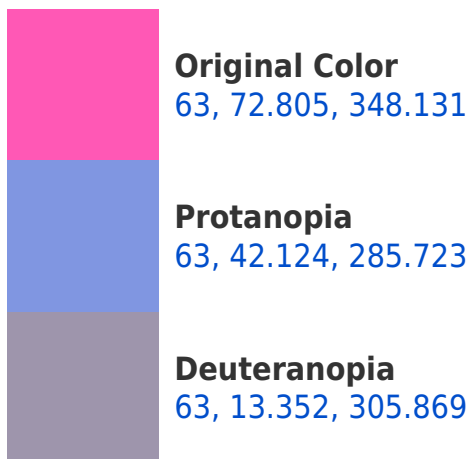


This preview shows how white text looks on a background with the CIELCh color 63, 72.805, 348.131.

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, 60.721, 23.657

Trichromacy



Original Color
63, 72.805, 348.131



Protanomaly
61, 48.762, 313.376



Deuteranomaly
61, 36.085, 335.613

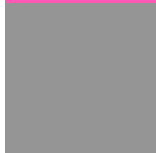


Tritanomaly
63, 61.794, 9.180

Monochromacy



Original Color
63, 72.805, 348.131



Achromatopsia
62, 0.008, 296.813



Achromatomaly
60, 29.975, 343.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 72.805, 348.131 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, 88, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 88, 181)  
}
```

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, 88, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 88, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 72.805, 348.131 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, 88, 181) }
```

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

```
.border{ border-color:rgb(255, 88, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 88, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 88, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 88, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 88,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 72.805, 348.131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 88, 181) }
```

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

```
.background{ background-color: rgb(255, 88,  
181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor