

Converting Colors

CIELCh(63, 73.162, 347.372)

Have a look what the booklet for
CIELCh(63, 73.162, 347.372)
contains.

CIELCh(63, 73.257, 347.374)	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, 73.257, 347.374)

Conversions

Conversions Part 1

Format	Color
Hex	FF58B7
RGB	255, 88, 183
RGB Percent	100%, 35%, 72%
CMY	0.0007, 0.6556, 0.2830
CMYK	0.00, 0.66, 0.28, 0.00
HSL	326°, 100%, 67%
HSV	326°, 66%, 100%
XYZ	53.1776, 31.5869, 48.0047
YIQ	148.7630, 69.0370, 64.9490

Conversions

Conversions Part 2

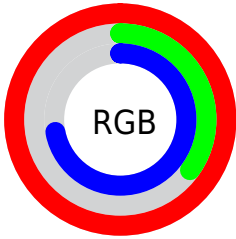
Format	Color
R _Y B	255, 88, 183
Decimal	16734391
CIE Lab	63.00, 71.49, -16.01
CIE LCh	63, 73.257, 347.374
Yxy	31.5869, 0.4005, 0.2379
Android (android.graphics.Color)	4294924471 (0xFFFF58B7)
YUV	148.7630, 16.8788, 93.1698
Hunter-Lab	56.2022, 70.5397, -11.3005

Details

The CIELCh color **63, 73.257, 347.374** 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, 71.710, 152.522**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 60.456, 331.418**, and **43, 73.214, 347.342** is the 20% darker color. If you saturate the color by 10%, you get **60, 80.083, 349.326**, and if you desaturate by 10%, it is **67, 64.270, 345.781**.

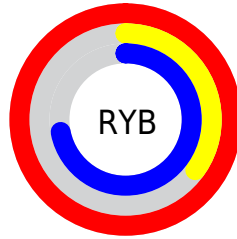
Distribution



Red (100%)

Green (35%)

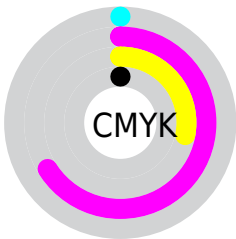
Blue (72%)



Red (100%)

Yellow (35%)

Blue (72%)

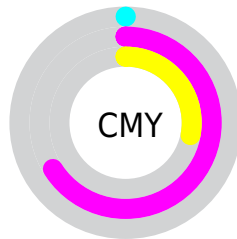


Cyan (0%)

Magenta (66%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (66%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 73.257, 347.374 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, 73.257, 347.374 by changing the saturation by 10% instead.


 63, 73.257,
347.374


 63, 73.257,
347.374


 100, 73.257,
347.374


 53, 73.257,
347.374


 83, 73.257,
347.374

 43, 73.257,
347.374

 93, 73.257,
347.374

 33, 73.257,
347.374

 23, 73.257,
347.374

 13, 73.257,
347.374

 3, 73.257, 347.374

 0, 73.257, 347.374

63, 73.257,
347.374

63, 73.257,
347.374

60, 80.083,
349.326

67, 64.270,
345.781

57, 84.300,
351.766

72, 53.752,
344.443

56, 85.853,
354.839

78, 42.297,
343.289

55, 85.999,
356.389

84, 30.387,
342.269

90, 18.372,
341.348

96, 6.481, 340.474

100, 0.063,
209.907

Harmonies

Complementary

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



63, 73.257, 347.374



90, 71.710, 152.522

Rectangle

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



63, 73.257, 347.374



63, 73.257, 37.374



63, 73.257, 167.374



63, 73.257, 217.374

Sweetspot

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



63, 73.253, 347.375



87, 23.749, 341.749



53, 94.943, 310.048



45, 16.229, 342.010



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, 73.253, 347.375



59, 81.900, 350.110



61, 69.814, 23.485



50, 6.690, 340.823



42, 69.487, 355.716



11, 32.684, 351.207

Inverse Universe

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



63, 73.253, 347.375



59, 81.900, 350.110



92, 46.096, 187.484



50, 6.690, 340.823



42, 69.487, 355.716



11, 32.684, 351.207

Previews

White Background



This preview shows how the CIELCh color 63, 73.257, 347.374 looks on a white background.

Color Contrast Check

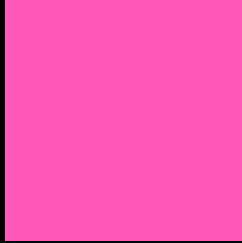
Large Text (above 18pt) WCAG AA × Fail

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, 73.257, 347.374 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, 73.257, 347.374

Background



This preview shows how black text looks on a background with the CIELCh color 63, 73.257, 347.374.

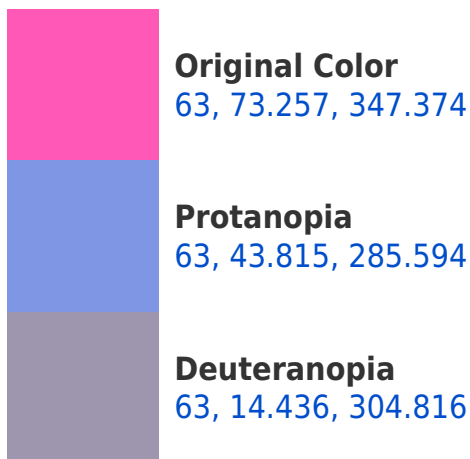


This preview shows how white text looks on a background with the CIELCh color 63, 73.257, 347.374.

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, 73.257, 347.374



Protanomaly
61, 50.218, 312.396



Deuteranomaly
61, 36.840, 334.372



Tritanomaly
63, 61.801, 8.670

Monochromacy



Original Color
63, 73.257, 347.374



Achromatopsia
62, 0.008, 296.813



Achromatomaly
60, 29.687, 342.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 73.257, 347.374 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 88, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 88, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 73.257, 347.374 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, 183) }
```

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

```
.border{ border-color:rgb(255, 88, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 88, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 88, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 88,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 73.257, 347.374 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, 183) }
```

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

```
.background{ background-color: rgb(255, 88,  
183) }
```

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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