

Converting Colors

CIELCh(63, 79.084, 342.645)

Have a look what the booklet for
CIELCh(63, 79.084, 342.645)
contains.

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Color

CIELCh(63, 78.974, 342.380)

Conversions

Conversions Part 1

Format	Color
Hex	FF53C5
RGB	255, 83, 197
RGB Percent	100%, 33%, 77%
CMY	0.0000, 0.6752, 0.2286
CMYK	0.00, 0.68, 0.23, 0.00
HSL	320°, 100%, 66%
HSV	320°, 68%, 100%
XYZ	54.6561, 31.5869, 55.8658
YIQ	147.4240, 65.9180, 71.9180

Conversions

Conversions Part 2

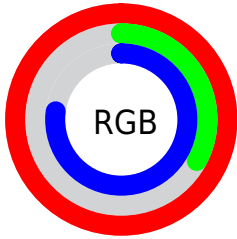
Format	Color
R _{YB}	255, 83, 197
Decimal	16733125
CIE _{Lab}	63.00, 75.27, -23.91
CIE _{LCh}	63, 78.974, 342.380
Yxy	31.5869, 0.3846, 0.2223
Android (android.graphics.Color)	4294923205 (0xFFFF53C5)
YUV	147.4240, 24.4410, 94.3442
Hunter-Lab	56.2022, 75.2354, -19.5935

Details

The CIELCh color **63, 78.974, 342.380** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **90, 79.548, 148.292**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 68.670, 327.039**, and **43, 76.967, 342.298** is the 20% darker color. If you saturate the color by 10%, you get **60, 85.327, 343.691**, and if you desaturate by 10%, it is **67, 69.939, 340.935**.

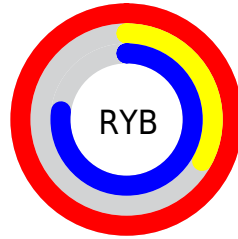
Distribution



Red (100%)

Green (33%)

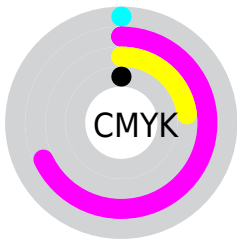
Blue (77%)



Red (100%)

Yellow (33%)

Blue (77%)

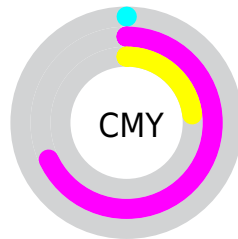


Cyan (0%)

Magenta (68%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (68%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 78.974, 342.380 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, 78.974, 342.380 by changing the saturation by 10% instead.

 63, 78.974,
342.380


 63, 78.974,
342.380


 100, 78.974,
342.380


 53, 78.974,
342.380


 83, 78.974,
342.380

 43, 78.974,
342.380

 93, 78.974,
342.380

 33, 78.974,
342.380

 23, 78.974,
342.380

 13, 78.974,
342.380

 3, 78.974, 342.380

 0, 78.974, 342.380

63, 78.974,
342.380

63, 78.974,
342.380

60, 85.327,
343.691

67, 69.939,
340.935

58, 88.978,
345.512

72, 59.240,
339.840

56, 89.839,
347.754

77, 47.373,
338.866

56, 89.836,
348.356

83, 34.871,
337.979

89, 22.131,
337.159

95, 9.429, 336.378

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, 78.974, 342.380



90, 79.548, 148.292

Rectangle

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



63, 78.974, 342.380



63, 78.974, 32.380



63, 78.974, 162.380



63, 78.974, 212.380

Sweetspot

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



63, 78.842, 342.195



87, 25.297, 337.357



51, 98.086, 308.049



45, 17.277, 337.586



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, 78.842, 342.195



59, 86.930, 344.283



60, 70.043, 17.903



50, 7.141, 336.533



42, 72.600, 347.888



11, 34.236, 344.779

Inverse Universe

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



63, 78.842, 342.195



59, 86.930, 344.283



91, 50.196, 178.955



50, 7.141, 336.533



42, 72.600, 347.888



11, 34.236, 344.779

Previews

White Background



This preview shows how the CIELCh color 63, 78.974, 342.380 looks on a white background.

Color Contrast Check

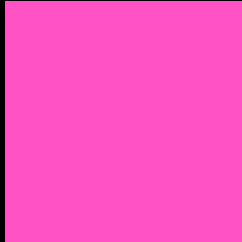
Large Text (above 18pt) WCAG AA × Fail

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, 78.974, 342.380 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, 78.974, 342.380

Background



This preview shows how black text looks on a background with the CIELCh color 63, 78.974, 342.380.

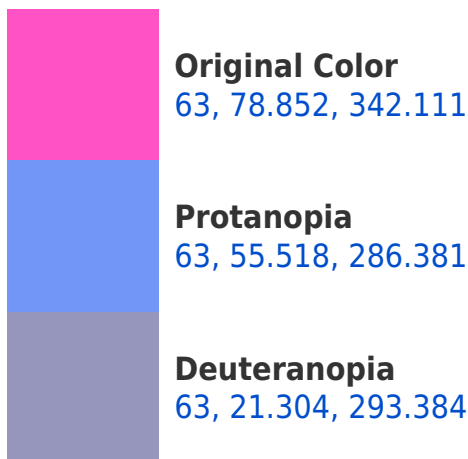


This preview shows how white text looks on a background with the CIELCh color 63, 78.974, 342.380.

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, 59.850, 23.450

Trichromacy



Original Color
63, 78.852, 342.111



Protanomaly
60, 59.897, 307.785



Deuteranomaly
61, 43.026, 324.969



Tritanomaly
63, 62.322, 5.878

Monochromacy



Original Color
63, 78.852, 342.111



Achromatopsia
61, 0.008, 296.813



Achromatomaly
59, 32.658, 338.436

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 78.974, 342.380 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, 83, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 83, 197)  
}
```

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, 83, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 83, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 78.974, 342.380 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, 83, 197) }
```

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

```
.border{ border-color:rgb(255, 83, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 83, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 83, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 83, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 83,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 78.974, 342.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 83, 197) }
```

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

```
.background{ background-color: rgb(255, 83,  
197) }
```

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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