

Converting Colors

CIELCh(63, 77.957, 342.781)

Have a look what the booklet for
CIELCh(63, 77.957, 342.781)
contains.

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Color

CIELCh(63, 77.903, 342.826)

Conversions

Conversions Part 1

Format	Color
Hex	FF54C3
RGB	255, 84, 195
RGB Percent	100%, 33%, 76%
CMY	0.0000, 0.6701, 0.2349
CMYK	0.00, 0.67, 0.23, 0.00
HSL	321°, 100%, 66%
HSV	321°, 67%, 100%
XYZ	54.3257, 31.5869, 54.9261
YIQ	147.7830, 66.2850, 70.7730

Conversions

Conversions Part 2

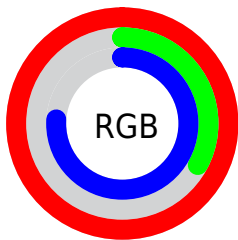
Format	Color
R _Y B	255, 84, 195
Decimal	16733379
CIE Lab	63.00, 74.43, -23.00
CIE LCh	63, 77.903, 342.826
Yxy	31.5869, 0.3857, 0.2243
Android (android.graphics.Color)	4294923459 (0xFFFF54C3)
YUV	147.7830, 23.2780, 94.0293
Hunter-Lab	56.2022, 74.1862, -18.6021

Details

The CIELCh color **63, 77.903, 342.826** 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, 78.280, 148.850**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 67.288, 327.547**, and **43, 76.429, 343.019** is the 20% darker color. If you saturate the color by 10%, you get **60, 84.468, 344.345**, and if you desaturate by 10%, it is **67, 68.919, 341.501**.

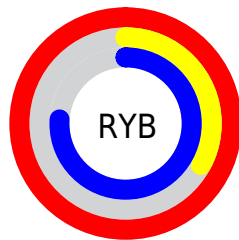
Distribution



Red (100%)

Green (33%)

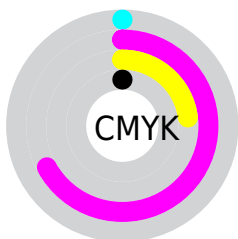
Blue (76%)



Red (100%)

Yellow (33%)

Blue (76%)

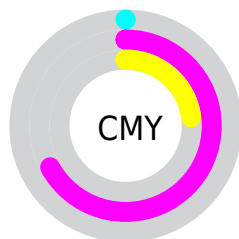


Cyan (0%)

Magenta (67%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (67%)


Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 77.903, 342.826 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, 77.903, 342.826 by changing the saturation by 10% instead.

 63, 77.903,
342.826


 63, 77.903,
342.826


 100, 77.903,
342.826

 53, 77.903,
342.826


 83, 77.903,
342.826

 43, 77.903,
342.826

 93, 77.903,
342.826

 33, 77.903,
342.826

 23, 77.903,
342.826

 13, 77.903,
342.826

 3, 77.903, 342.826

 0, 77.903, 342.826

63, 77.903,
342.826

63, 77.903,
342.826

60, 84.468,
344.345

67, 68.919,
341.501

58, 88.252,
346.235

72, 58.210,
340.379

56, 89.236,
348.573

77, 46.378,
339.384

56, 89.236,
349.337

83, 33.945,
338.482

89, 21.300,
337.651

95, 8.708, 336.859

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, 77.903, 342.826



90, 78.280, 148.850

Rectangle

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



63, 77.903, 342.826



63, 77.903, 32.826



63, 77.903, 162.826



63, 77.903, 212.826

Sweetspot

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



63, 77.879, 342.798



87, 25.088, 337.893



51, 97.290, 308.422



45, 17.135, 338.126



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, 77.879, 342.798



59, 85.905, 344.870



61, 69.848, 19.006



50, 7.081, 337.057



42, 72.113, 348.844



11, 34.009, 345.563

Inverse Universe

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



63, 77.879, 342.798



59, 85.905, 344.870



91, 49.244, 180.602



50, 7.081, 337.057



42, 72.113, 348.844



11, 34.009, 345.563

Previews

White Background



This preview shows how the CIELCh color 63, 77.903, 342.826 looks on a white background.

Color Contrast Check

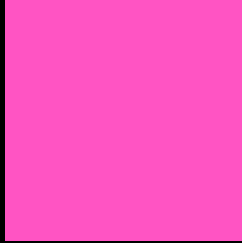
Large Text (above 18pt) WCAG AA × Fail

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, 77.903, 342.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

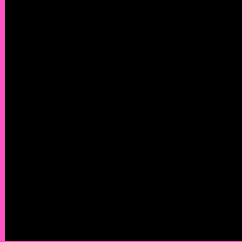
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 77.903, 342.826

Background



This preview shows how black text looks on a background with the CIELCh color 63, 77.903, 342.826.



This preview shows how white text looks on a background with the CIELCh color 63, 77.903, 342.826.

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, 77.903, 342.826



Protanomaly
61, 58.302, 308.379



Deuteranomaly
61, 42.302, 326.252



Tritanomaly
63, 62.322, 5.878

Monochromacy



Original Color
63, 77.903, 342.826



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 32.278, 339.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 77.903, 342.826 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, 84, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 84, 195)  
}
```

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, 84, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 84, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 77.903, 342.826 is called "border". The border property can be set on classes, ids or directly on the HTML element.

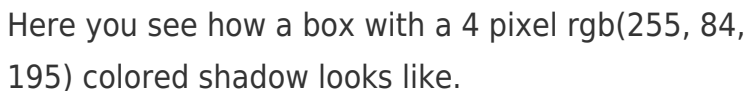
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 84, 195) }
```

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

```
.border{ border-color:rgb(255, 84, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 84, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 84, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 84, 195); box-shadow:4px 4px 4px 4px rgb(255, 84, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 77.903, 342.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 84, 195) }
```

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

```
.background{ background-color: rgb(255, 84,  
195) }
```

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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