

Converting Colors

CIELCh(63, 79.053, 339.491)

Have a look what the booklet for
CIELCh(63, 79.053, 339.491)
contains.

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Color

CIELCh(63, 78.891, 339.656)

Conversions

Conversions Part 1

Format	Color
Hex	FC56CB
RGB	252, 86, 203
RGB Percent	99%, 34%, 80%
CMY	0.0125, 0.6635, 0.2046
CMYK	0.00, 0.66, 0.19, 0.01
HSL	318°, 96%, 66%
HSV	318°, 66%, 99%
XYZ	54.1454, 31.5869, 59.6334
YIQ	148.9720, 61.3790, 71.5790

Conversions

Conversions Part 2

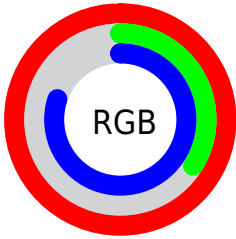
Format	Color
R _Y B	252, 86, 203
Decimal	16537291
CIE Lab	63.00, 73.97, -27.43
CIE LCh	63, 78.891, 339.656
Yxy	31.5869, 0.3725, 0.2173
Android (android.graphics.Color)	4294727371 (0xFFFC56CB)
YUV	148.9720, 26.6358, 90.3556
Hunter-Lab	56.2022, 73.6136, -23.5680

Details

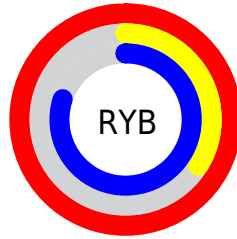
The CIELCh color **63, 78.891, 339.656** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **89, 79.966, 146.937**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 67.358, 326.728**, and **43, 78.515, 339.689** is the 20% darker color. If you saturate the color by 10%, you get **60, 85.892, 340.892**, and if you desaturate by 10%, it is **67, 69.533, 338.584**.

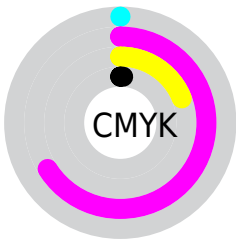
Distribution



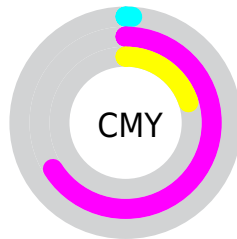
- Red (99%)
- Green (34%)
- Blue (80%)



- Red (99%)
- Yellow (34%)
- Blue (80%)



- Cyan (0%)
- Magenta (66%)
- Yellow (19%)
- Black (1%)




- Cyan (1%)
- Magenta (66%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 78.891, 339.656 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, 78.891, 339.656 by changing the saturation by 10% instead.

 63, 78.891,
339.656

 63, 78.891,
339.656


 100, 78.891,
339.656


 53, 78.891,
339.656


 83, 78.891,
339.656

 43, 78.891,
339.656

 93, 78.891,
339.656

 33, 78.891,
339.656

 23, 78.891,
339.656

 13, 78.891,
339.656

 3, 78.891, 339.656

 0, 78.891, 339.656

63, 78.891,
339.656

63, 78.891,
339.656

60, 85.892,
340.892

67, 69.533,
338.584

58, 90.085,
342.359

72, 58.455,
337.628

56, 91.392,
344.137

77, 46.270,
336.754

56, 91.389,
344.938

83, 33.493,
335.944

89, 20.507,
335.181

95, 7.573, 334.438

100, 1.113,
195.679

100, 1.109,
199.932

Harmonies

Complementary

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



63, 78.891, 339.656



89, 79.966, 146.937

Rectangle

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



63, 78.891, 339.656



63, 78.891, 29.656



63, 78.891, 159.656



63, 78.891, 209.656

Sweetspot

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



63, 78.888, 339.656



87, 26.075, 335.488



50, 95.045, 306.718



45, 17.804, 335.703



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, 78.888, 339.656



60, 88.361, 341.323



61, 67.158, 13.439



49, 7.245, 334.706



42, 73.821, 344.555



10, 34.240, 341.921

Inverse Universe

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



63, 78.888, 339.656



60, 88.361, 341.323



90, 51.192, 174.706



49, 7.245, 334.706



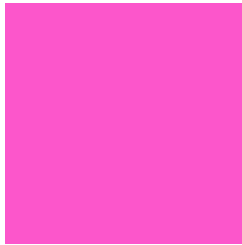
42, 73.821, 344.555



10, 34.240, 341.921

Previews

White Background



This preview shows how the CIELCh color 63, 78.891, 339.656 looks on a white background.

Color Contrast Check

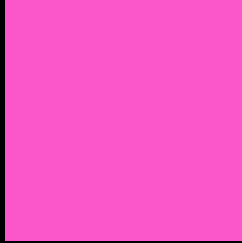
Large Text (above 18pt) WCAG AA × Fail

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, 78.891, 339.656 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, 78.891, 339.656

Background



This preview shows how black text looks on a background with the CIELCh color 63, 78.891, 339.656.



This preview shows how white text looks on a background with the CIELCh color 63, 78.891, 339.656.

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, 78.891, 339.656



Protanomaly
60, 62.336, 306.205



Deuteranomaly
61, 43.915, 320.807



Tritanomaly
63, 60.061, 3.254

Monochromacy



Original Color
63, 78.891, 339.656



Achromatopsia
62, 0.008, 296.813



Achromatomaly
60, 32.824, 335.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 78.891, 339.656 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(252, 86, 203)` looks like.

```
.text, #text, p{  
    color:rgb(252, 86, 203)  
}
```

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(252, 86, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 86, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 78.891, 339.656 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(252, 86, 203) }
```

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

```
.border{ border-color:rgb(252, 86, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 86, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 86, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 86, 203);  
box-shadow:4px 4px 4px 4px rgb(252, 86,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 78.891, 339.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 86, 203) }
```

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

```
.background{ background-color: rgb(252, 86,  
203) }
```

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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