

Converting Colors

CIELCh(63, 76.057, 339.473)

Have a look what the booklet for
CIELCh(63, 76.057, 339.473)
contains.

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Color

CIELCh(63, 75.957, 339.523)

Conversions

Conversions Part 1

Format	Color
Hex	F85AC9
RGB	248, 90, 201
RGB Percent	97%, 35%, 79%
CMY	0.0264, 0.6460, 0.2108
CMYK	0.00, 0.64, 0.19, 0.03
HSL	318°, 92%, 66%
HSV	318°, 64%, 97%
XYZ	53.0507, 31.5869, 58.7037
YIQ	149.8960, 58.5370, 68.0170

Conversions

Conversions Part 2

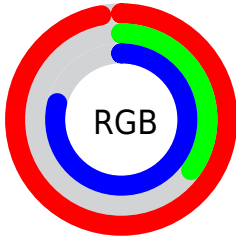
Format	Color
R _Y B	248, 90, 201
Decimal	16276169
CIE Lab	63.00, 71.16, -26.57
CIE LCh	63, 75.957, 339.523
Yxy	31.5869, 0.3701, 0.2204
Android (android.graphics.Color)	4294466249 (0xFFFF85AC9)
YUV	149.8960, 25.1943, 86.0372
Hunter-Lab	56.2022, 70.1366, -22.5873

Details

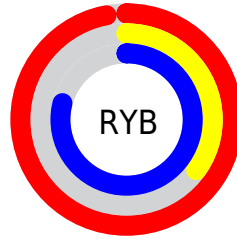
The CIELCh color **63, 75.957, 339.523** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **88, 76.623, 147.406**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 65.623, 326.671**, and **43, 76.078, 339.445** is the 20% darker color. If you saturate the color by 10%, you get **60, 83.459, 340.726**, and if you desaturate by 10%, it is **67, 66.266, 338.475**.

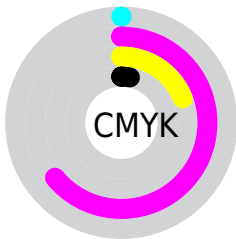
Distribution



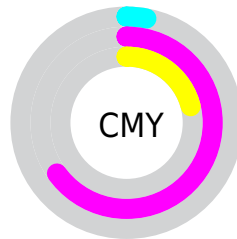
- Red (97%)
- Green (35%)
- Blue (79%)



- Red (97%)
- Yellow (35%)
- Blue (79%)



- Cyan (0%)
- Magenta (64%)
- Yellow (19%)
- Black (3%)





- Cyan (3%)
- Magenta (65%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 75.957, 339.523 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, 75.957, 339.523 by changing the saturation by 10% instead.


 63, 75.957,
339.523


 63, 75.957,
339.523


 100, 75.957,
339.523


 53, 75.957,
339.523


 83, 75.957,
339.523

 43, 75.957,
339.523

 93, 75.957,
339.523

 33, 75.957,
339.523

 23, 75.957,
339.523

 13, 75.957,
339.523

 3, 75.957, 339.523

 0, 75.957, 339.523

63, 75.957,
339.523

63, 75.957,
339.523

60, 83.459,
340.726

67, 66.266,
338.475

57, 88.271,
342.146

72, 55.026,
337.534

56, 90.204,
343.863

77, 42.824,
336.673

55, 90.277,
345.113

83, 30.138,
335.872

89, 17.314,
335.116

95, 4.589, 334.351

99, 2.574, 175.723

100, 2.337,
199.541

Harmonies

Complementary

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



63, 75.957, 339.523



88, 76.623, 147.406

Rectangle

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



63, 75.957, 339.523



63, 75.957, 29.523



63, 75.957, 159.523



63, 75.957, 209.523

Sweetspot

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



63, 75.954, 339.523



88, 24.717, 335.518



51, 90.677, 306.500



45, 17.028, 335.737



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, 75.954, 339.523



60, 86.652, 341.053



61, 64.261, 12.688



49, 7.232, 334.810



42, 73.701, 344.742



10, 34.188, 342.073

Inverse Universe

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



63, 75.954, 339.523



60, 86.652, 341.053



89, 49.415, 175.039



49, 7.232, 334.810



42, 73.701, 344.742



10, 34.188, 342.073

Previews

White Background



This preview shows how the CIELCh color 63, 75.957, 339.523 looks on a white background.

Color Contrast Check

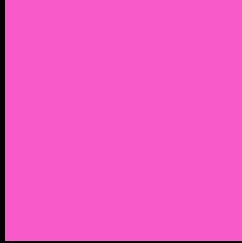
Large Text (above 18pt) WCAG AA × Fail

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, 75.957, 339.523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

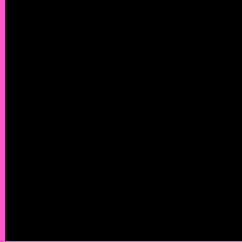
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 75.957, 339.523

Background



This preview shows how black text looks on a background with the CIELCh color 63, 75.957, 339.523.

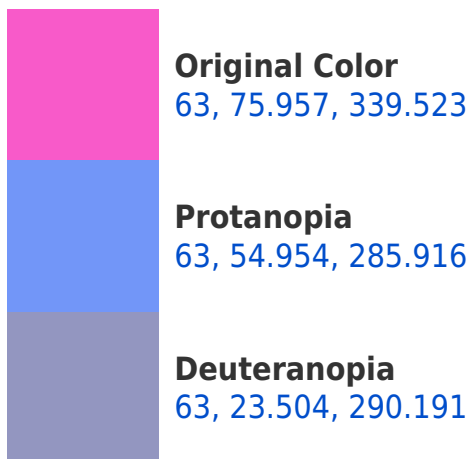


This preview shows how white text looks on a background with the CIELCh color 63, 75.957, 339.523.

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, 54.196, 22.116

Trichromacy



Original Color
63, 75.957, 339.523



Protanomaly
61, 58.994, 306.342



Deuteranomaly
61, 42.321, 321.415



Tritanomaly
63, 57.870, 2.851

Monochromacy



Original Color
63, 75.957, 339.523



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 31.530, 336.232

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 75.957, 339.523 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(248, 90, 201)` looks like.

```
.text, #text, p{  
    color:rgb(248, 90, 201)  
}
```

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(248, 90, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 90, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 75.957, 339.523 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(248, 90, 201) }
```

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

```
.border{ border-color:rgb(248, 90, 201) }
```

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

Here you see how a box with a 4 pixel rgb(248, 90, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 90, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 90, 201);  
box-shadow:4px 4px 4px 4px rgb(248, 90,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 75.957, 339.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 90, 201) }
```

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

```
.background{ background-color: rgb(248, 90,  
201) }
```

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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