

Converting Colors

CIELCh(63, 79.909, 337.182)

Have a look what the booklet for
CIELCh(63, 79.909, 337.182)
contains.

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Color

CIELCh(63, 79.909, 337.182)

Conversions

Conversions Part 1

Format	Color
Hex	F957D1
RGB	249, 87, 209
RGB Percent	98%, 34%, 82%
CMY	0.0233, 0.6585, 0.1801
CMYK	0.00, 0.65, 0.16, 0.02
HSL	315°, 93%, 66%
HSV	315°, 65%, 98%
XYZ	54.0223, 31.5869, 63.6133
YIQ	149.3460, 57.3900, 72.2860

Conversions

Conversions Part 2

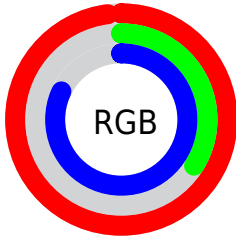
Format	Color
R _Y B	249, 87, 209
Decimal	16340945
CIE Lab	63.00, 73.66, -30.99
CIE LCh	63, 79.909, 337.182
Yxy	31.5869, 0.3620, 0.2117
Android (android.graphics.Color)	4294531025 (0xFFFF957D1)
YUV	149.3460, 29.4094, 87.3966
Hunter-Lab	56.2022, 73.2224, -27.7666

Details

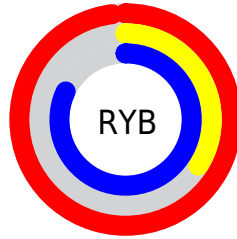
The CIELCh color **63, 79.909, 337.182** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **88, 81.350, 145.404**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 67.358, 326.728**, and **43, 79.870, 337.285** is the 20% darker color. If you saturate the color by 10%, you get **60, 87.307, 338.191**, and if you desaturate by 10%, it is **67, 70.182, 336.276**.

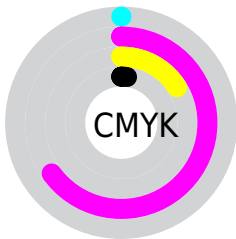
Distribution



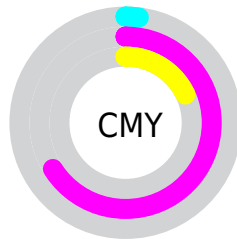
- Red (98%)
- Green (34%)
- Blue (82%)



- Red (98%)
- Yellow (34%)
- Blue (82%)



- Cyan (0%)
- Magenta (65%)
- Yellow (16%)
- Black (2%)





- Cyan (2%)
- Magenta (66%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 79.909, 337.182 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, 79.909, 337.182 by changing the saturation by 10% instead.


 63, 79.909,
337.182


 63, 79.909,
337.182


 100, 79.909,
337.182


 53, 79.909,
337.182


 83, 79.909,
337.182

 43, 79.909,
337.182

 93, 79.909,
337.182

 33, 79.909,
337.182

 23, 79.909,
337.182

 13, 79.909,
337.182

 3, 79.909, 337.182

 0, 79.909, 337.182

63, 79.909,
337.182

63, 79.909,
337.182

60, 87.307,
338.191

67, 70.182,
336.276

58, 91.910,
339.349

72, 58.760,
335.441

56, 93.597,
340.713

77, 46.248,
334.657

56, 93.664,
341.463

83, 33.153,
333.914

89, 19.853,
333.203

95, 6.607, 332.495

99, 2.542, 164.449

100, 2.057,
199.597

Harmonies

Complementary

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



63, 79.909, 337.182



88, 81.350, 145.404

Rectangle

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



63, 79.909, 337.182



63, 79.909, 27.182



63, 79.909, 157.182



63, 79.909, 207.182

Sweetspot

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



63, 79.906, 337.182



87, 26.969, 333.554



50, 93.128, 305.464



45, 18.411, 333.755



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, 79.906, 337.182



60, 90.628, 338.527



60, 65.548, 9.205



49, 7.498, 332.816



42, 76.259, 341.179



11, 35.282, 339.157

Inverse Universe

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



63, 79.906, 337.182



60, 90.628, 338.527



89, 52.684, 170.765



49, 7.498, 332.816



42, 76.259, 341.179



11, 35.282, 339.157

Previews

White Background



This preview shows how the CIELCh color 63, 79.909, 337.182 looks on a white background.

Color Contrast Check

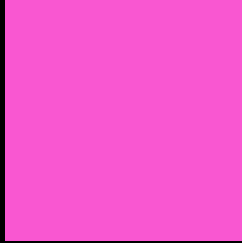
Large Text (above 18pt) WCAG AA × Fail

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, 79.909, 337.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

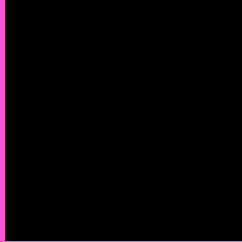
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 79.909, 337.182

Background



This preview shows how black text looks on a background with the CIELCh color 63, 79.909, 337.182.

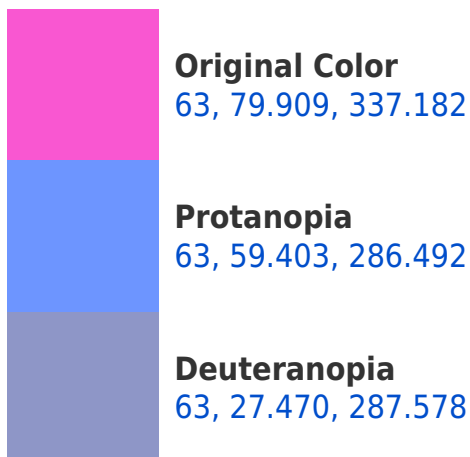


This preview shows how white text looks on a background with the CIELCh color 63, 79.909, 337.182.

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, 53.789, 22.035

Trichromacy



Original Color
63, 79.909, 337.182



Protanomaly
60, 63.872, 305.464



Deuteranomaly
61, 46.441, 317.661



Tritanomaly
63, 58.259, 0.775

Monochromacy



Original Color
63, 79.909, 337.182



Achromatopsia
62, 0.008, 296.813



Achromatomaly
60, 33.349, 333.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 79.909, 337.182 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(249, 87, 209)` looks like.

```
.text, #text, p{  
    color:rgb(249, 87, 209)  
}
```

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(249, 87, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 87, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 79.909, 337.182 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(249, 87, 209) }
```

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

```
.border{ border-color:rgb(249, 87, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 87, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 87, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 87, 209);  
box-shadow:4px 4px 4px 4px rgb(249, 87,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 79.909, 337.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 87, 209) }
```

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

```
.background{ background-color: rgb(249, 87,  
209) }
```

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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