

Converting Colors

CIELCh(63, 84.346, 332.661)

Have a look what the booklet for
CIELCh(63, 84.346, 332.661)
contains.

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Color

CIELCh(63, 84.315, 332.704)

Conversions

Conversions Part 1

Format	Color
Hex	F657DF
RGB	246, 87, 223
RGB Percent	96%, 34%, 87%
CMY	0.0368, 0.6603, 0.1269
CMYK	0.00, 0.65, 0.09, 0.04
HSL	309°, 89%, 65%
HSV	309°, 65%, 96%
XYZ	54.5211, 31.5869, 72.7840
YIQ	150.0450, 51.1080, 76.0040

Conversions

Conversions Part 2

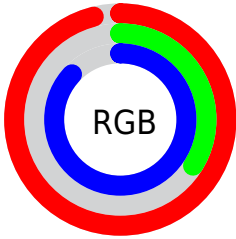
Format	Color
R _Y B	246, 87, 223
Decimal	16144351
CIE Lab	63.00, 74.93, -38.67
CIE LCh	63, 84.315, 332.704
Yxy	31.5869, 0.3431, 0.1988
Android (android.graphics.Color)	4294334431 (0xFFFF657DF)
YUV	150.0450, 35.9668, 84.1525
Hunter-Lab	56.2022, 74.8068, -37.4412

Details

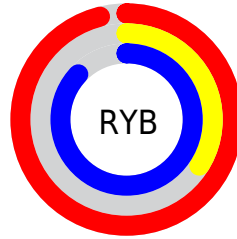
The CIELCh color **63, 84.315, 332.704** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **86, 86.216, 142.279**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 67.358, 326.728**, and **43, 84.150, 332.770** is the 20% darker color. If you saturate the color by 10%, you get **60, 92.311, 333.345**, and if you desaturate by 10%, it is **67, 73.962, 332.069**.

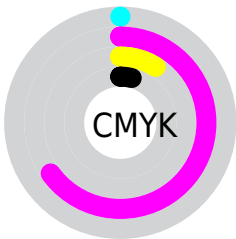
Distribution



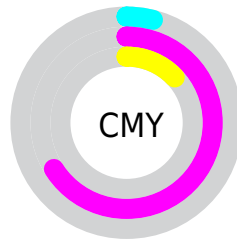
- Red (96%)
- Green (34%)
- Blue (87%)



- Red (96%)
- Yellow (34%)
- Blue (87%)



- Cyan (0%)
- Magenta (65%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (66%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 84.315, 332.704 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, 84.315, 332.704 by changing the saturation by 10% instead.

 63, 84.315,
332.704


 63, 84.315,
332.704

 100, 84.315,
332.704

 53, 84.315,
332.704


 83, 84.315,
332.704


 43, 84.315,
332.704


 93, 84.315,
332.704

 33, 84.315,
332.704

 23, 84.315,
332.704

 13, 84.315,
332.704

 3, 84.315, 332.704

 0, 84.315, 332.704

63, 84.315,
332.704

63, 84.315,
332.704

60, 92.311,
333.345

67, 73.962,
332.069

58, 97.503,
334.006

71, 61.867,
331.434

57, 99.781,
334.711

76, 48.631,
330.798

56, 100.127,
335.103

82, 34.768,
330.165

88, 20.666,
329.537

94, 6.600, 328.895

99, 5.061, 150.346

99, 3.856, 167.878

Harmonies

Complementary

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



63, 84.315, 332.704



86, 86.216, 142.279

Rectangle

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



63, 84.315, 332.704



63, 84.315, 22.704



63, 84.315, 152.704



63, 84.315, 202.704

Sweetspot

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



63, 84.312, 332.704



88, 27.516, 329.806



48, 92.030, 303.259



45, 18.948, 329.986



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, 84.312, 332.704



61, 97.137, 333.568



60, 65.235, 1.334



48, 7.928, 329.207



43, 81.472, 334.968



10, 36.763, 333.952

Inverse Universe

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



63, 84.312, 332.704



61, 97.137, 333.568



88, 57.138, 163.703



48, 7.928, 329.207



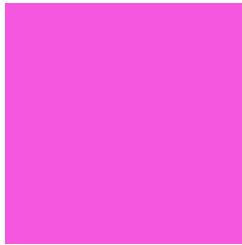
43, 81.472, 334.968



10, 36.763, 333.952

Previews

White Background



This preview shows how the CIELCh color 63, 84.315, 332.704 looks on a white background.

Color Contrast Check

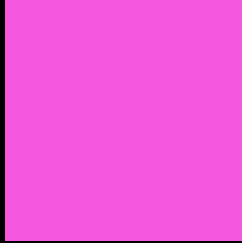
Large Text (above 18pt) WCAG AA × Fail

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, 84.315, 332.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

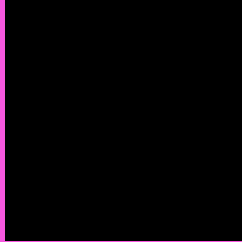
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 84.315, 332.704

Background



This preview shows how black text looks on a background with the CIELCh color 63, 84.315, 332.704.

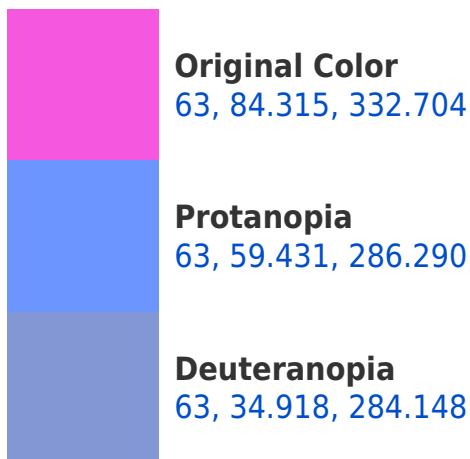


This preview shows how white text looks on a background with the CIELCh color 63, 84.315, 332.704.

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



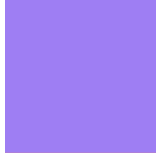


Tritanopia
63, 50.228, 20.604

Trichromacy



Original Color
63, 84.315, 332.704



Protanomaly
60, 66.483, 304.685



Deuteranomaly
61, 52.157, 311.310



Tritanomaly
62, 56.987, 356.591

Monochromacy



Original Color
63, 84.315, 332.704



Achromatopsia
62, 0.008, 296.813



Achromatomaly
60, 34.698, 330.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 84.315, 332.704 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(246, 87, 223)` looks like.

```
.text, #text, p{  
    color:rgb(246, 87, 223)  
}
```

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(246, 87, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 87, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 84.315, 332.704 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(246, 87, 223) }
```

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

```
.border{ border-color:rgb(246, 87, 223) }
```

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

Here you see how a box with a 4 pixel rgb(246, 87, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 87, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 87, 223);  
box-shadow:4px 4px 4px 4px rgb(246, 87,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 84.315, 332.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 87, 223) }
```

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

```
.background{ background-color: rgb(246, 87,  
223) }
```

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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