

Converting Colors

CIELCh(67, 94.621, 328.896)

Have a look what the booklet for
CIELCh(67, 94.621, 328.896)
contains.

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Color

CIELCh(66, 94.502, 327.998)

Conversions

Conversions Part 1

Format	Color
Hex	FE5AFC
RGB	254, 90, 252
RGB Percent	100%, 35%, 99%
CMY	0.0047, 0.6479, 0.0123
CMYK	0.00, 0.65, 0.01, 0.00
HSL	301°, 99%, 67%
HSV	301°, 65%, 100%
XYZ	61.9816, 35.3238, 95.5230
YIQ	157.5040, 45.7420, 85.1500

Conversions

Conversions Part 2

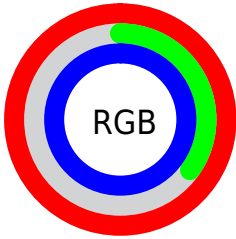
Format	Color
RYB	254, 90, 252
Decimal	16669436
CIELab	66.00, 80.14, -50.08
CIElCh	66, 94.502, 327.998
Yxy	35.3238, 0.3214, 0.1832
Android (android.graphics.Color)	4294859516 (0xFFFE5AFC)
YUV	157.5040, 46.5865, 84.6270
Hunter-Lab	59.4338, 82.1424, -53.6881

Details

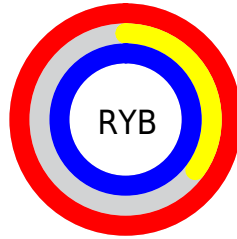
The CIELCh color **66, 94.502, 327.998** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **89, 95.983, 138.887**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 65.041, 326.652**, and **46, 94.460, 328.029** is the 20% darker color. If you saturate the color by 10%, you get **63, 103.665, 328.306**, and if you desaturate by 10%, it is **70, 82.840, 327.611**.

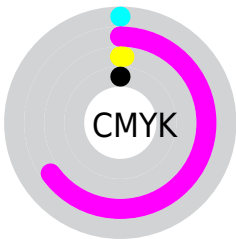
Distribution



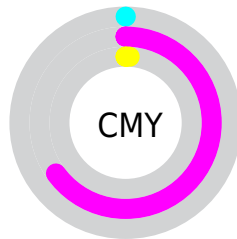
- Red (100%)
- Green (35%)
- Blue (99%)



- Red (100%)
- Yellow (35%)
- Blue (99%)



- Cyan (0%)
- Magenta (65%)
- Yellow (1%)
- Black (0%)



- Cyan (0%)
- Magenta (65%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 94.502, 327.998 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 66, 94.502, 327.998 by changing the saturation by 10% instead.

 66, 94.502,
327.998


 66, 94.502,
327.998


 100, 94.502,
327.998


 56, 94.502,
327.998


 86, 94.502,
327.998

 46, 94.502,
327.998

 96, 94.502,
327.998

 36, 94.502,
327.998

 26, 94.502,
327.998

 16, 94.502,
327.998

 6, 94.502, 327.998

 0, 94.502, 327.998

66, 94.502,
327.998

66, 94.502,
327.998

63, 103.665,
328.306

70, 82.840,
327.611

61, 109.919,
328.528

74, 69.288,
327.157

60, 113.207,
328.667

79, 54.466,
326.653

60, 114.070,
328.718

85, 38.922,
326.115

91, 23.085,
325.557

97, 7.265, 324.971

100, 0.670,
148.834

100, 0.559,
158.669

100, 0.471,
172.710

Harmonies

Complementary

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



66, 94.502, 327.998



89, 95.983, 138.887

Rectangle

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



66, 94.502, 327.998



66, 94.502, 17.998



66, 94.502, 147.998



66, 94.502, 197.998

Sweetspot

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



66, 94.499, 327.998



88, 30.138, 325.803



48, 94.918, 300.795



45, 20.748, 325.963



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66, 94.499, 327.998



63, 106.505, 328.391



63, 69.908, 351.703



50, 8.984, 325.265



45, 92.221, 328.710



12, 42.474, 328.651

Inverse Universe

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



66, 94.499, 327.998



63, 106.505, 328.391



90, 66.424, 156.006



50, 8.984, 325.265



45, 92.221, 328.710



12, 42.474, 328.651

Previews

White Background



This preview shows how the CIE LCh color 66, 94.502, 327.998 looks on a white background.

Color Contrast Check

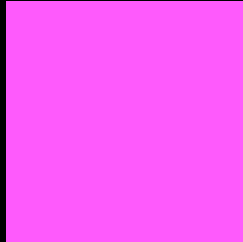
Large Text (above 18pt) WCAG AA × Fail

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 66, 94.502, 327.998 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 66, 94.502, 327.998

Background



This preview shows how black text looks on a background with the CIELCh color 66, 94.502, 327.998.

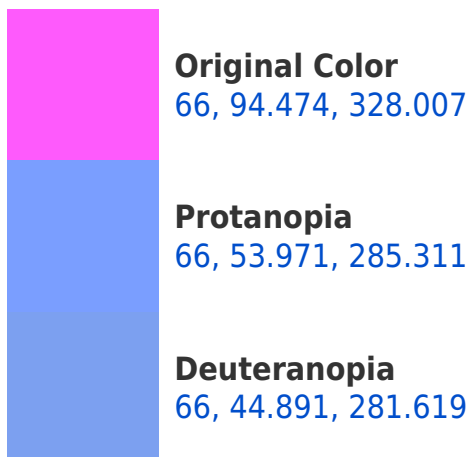


This preview shows how white text looks on a background with the CIELCh color 66, 94.502, 327.998.

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
66, 47.513, 19.056

Trichromacy



Original Color
66, 94.474, 328.007



Protanomaly
64, 68.231, 305.599



Deuteranomaly
64, 62.392, 306.288



Tritanomaly
65, 58.554, 350.488

Monochromacy



Original Color
66, 94.474, 328.007



Achromatopsia
65, 0.008, 296.813



Achromatomaly
63, 38.518, 326.562

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 94.502, 327.998 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(254, 90, 252)` looks like.

```
.text, #text, p{  
    color:rgb(254, 90, 252)  
}
```

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(254, 90, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 90, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 94.502, 327.998 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(254, 90, 252) }
```

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

```
.border{ border-color:rgb(254, 90, 252) }
```

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

Here you see how a box with a 4 pixel rgb(254, 90, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 90, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 90, 252);  
box-shadow:4px 4px 4px 4px rgb(254, 90,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 94.502, 327.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 90, 252) }
```

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

```
.background{ background-color: rgb(254, 90,  
252) }
```

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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