

Converting Colors

CIELCh(68, 89.817, 327.448)

Have a look what the booklet for
CIELCh(68, 89.817, 327.448)
contains.

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Color

CIELCh(68, 89.494, 327.446)

Conversions

Conversions Part 1

Format	Color
Hex	FE67FE
RGB	254, 103, 254
RGB Percent	100%, 40%, 100%
CMY	0.0035, 0.5957, 0.0035
CMYK	0.00, 0.59, 0.00, 0.00
HSL	300°, 99%, 70%
HSV	300°, 59%, 100%
XYZ	63.6750, 37.9720, 97.8211
YIQ	165.3630, 41.5250, 78.9730

Conversions

Conversions Part 2

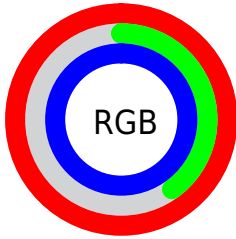
Format	Color
R_{YB}	254, 103, 254
Decimal	16672766
CIE _{Lab}	68.00, 75.43, -48.16
CIE _{LCh}	68, 89.494, 327.446
Yxy	37.9720, 0.3192, 0.1904
Android (android.graphics.Color)	4294862846 (0xFFFE67FE)
YUV	165.3630, 43.6980, 77.7346
Hunter-Lab	61.6215, 76.6109, -50.9850

Details

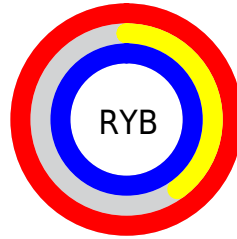
The CIELCh color **68, 89.494, 327.446** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **89, 90.460, 139.220**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 57.941, 326.417**, and **48, 89.724, 327.394** is the 20% darker color. If you saturate the color by 10%, you get **65, 100.126, 327.777**, and if you desaturate by 10%, it is **72, 76.654, 327.037**.

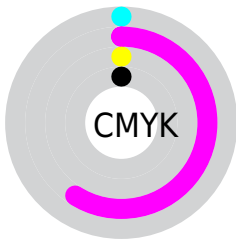
Distribution



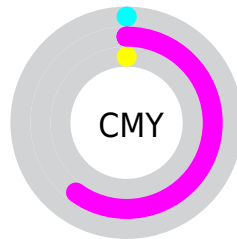
- Red (100%)
- Green (40%)
- Blue (100%)



- Red (100%)
- Yellow (40%)
- Blue (100%)



- Cyan (0%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (60%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 89.494, 327.446 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 68, 89.494, 327.446 by changing the saturation by 10% instead.

 68, 89.494,
327.446

 68, 89.494,
327.446

 100, 89.494,
327.446

 58, 89.494,
327.446

 88, 89.494,
327.446

 48, 89.494,
327.446

 98, 89.494,
327.446

 38, 89.494,
327.446

 28, 89.494,
327.446

 18, 89.494,
327.446

 8, 89.494, 327.446

 0, 89.494, 327.446

68, 89.494,
327.446

68, 89.494,
327.446

65, 100.126,
327.777

72, 76.654,
327.037

62, 108.026,
328.017

77, 62.242,
326.566

61, 112.932,
328.164

82, 46.850,
326.050

60, 115.160,
328.231

88, 30.969,
325.506

60, 115.256,
328.234

94, 14.967,
324.943

100, 0.546,
144.991

100, 0.546,
145.011

100, 0.546,

145.032

100, 0.545,
145.053

Harmonies

Complementary

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



68, 89.494, 327.446



89, 90.460, 139.220

Rectangle

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



68, 89.494, 327.446



68, 89.494, 17.446



68, 89.494, 147.446



68, 89.494, 197.446

Sweetspot

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



68, 89.491, 327.446



89, 28.774, 325.427



52, 86.712, 299.626



46, 20.003, 325.588



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 89.491, 327.446



64, 101.847, 327.821



65, 65.492, 350.688



50, 9.057, 324.948



45, 93.081, 328.234



12, 42.822, 328.233

Inverse Universe

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



68, 89.491, 327.446



64, 101.847, 327.821



90, 62.021, 156.872



50, 9.057, 324.948



45, 93.081, 328.234



12, 42.822, 328.233

Previews

White Background



This preview shows how the CIELCh color 68, 89.494, 327.446 looks on a white background.

Color Contrast Check

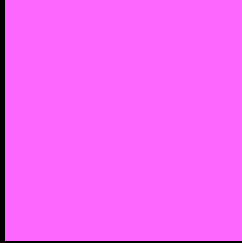
Large Text (above 18pt) WCAG AA × Fail

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 68, 89.494, 327.446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

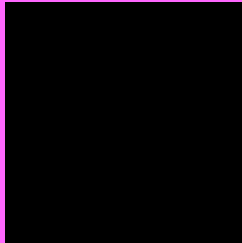
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 89.494, 327.446

Background



This preview shows how black text looks on a background with the CIELCh color 68, 89.494, 327.446.



This preview shows how white text looks on a background with the CIELCh color 68, 89.494, 327.446.

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



Original Color

68, 89.494, 327.446

Protanopia

68, 50.926, 285.202

Deuteranopia

68, 43.967, 282.449



Tritanopia
68, 43.727, 17.190

Trichromacy



Original Color
68, 89.494, 327.446



Protanomaly
66, 63.994, 305.369



Deuteranomaly
66, 59.736, 305.905

Tritanomaly
67, 54.736, 349.339

Monochromacy



Original Color
68, 89.494, 327.446



Achromatopsia
68, 0.008, 296.813



Achromatomaly
66, 36.183, 325.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 89.494, 327.446 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, 103, 254)` looks like.

```
.text, #text, p{  
    color:rgb(254, 103, 254)  
}
```

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, 103, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 103, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 89.494, 327.446 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, 103, 254) }
```

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

```
.border{ border-color:rgb(254, 103, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 103, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 103, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 103, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 103,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 89.494, 327.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 103, 254) }
```

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

```
.background{ background-color: rgb(254,  
103, 254) }
```

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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