

Converting Colors

CIELCh(68, 90.162, 326.743)

Have a look what the booklet for
CIELCh(68, 90.162, 326.743)
contains.

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Color

CIELCh(68, 89.811, 327.043)

Conversions

Conversions Part 1

Format	Color
Hex	FD67FF
RGB	253, 103, 255
RGB Percent	99%, 40%, 100%
CMY	0.0064, 0.5946, 0.0000
CMYK	0.01, 0.59, 0.00, 0.00
HSL	299°, 100%, 70%
HSV	299°, 59%, 100%
XYZ	63.6424, 37.9720, 98.8922
YIQ	165.1780, 40.6080, 79.0720

Conversions

Conversions Part 2

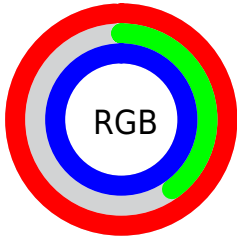
Format	Color
R _Y B	253, 103, 255
Decimal	16607231
CIE Lab	68.00, 75.36, -48.86
CIE LCh	68, 89.811, 327.043
Yxy	37.9720, 0.3174, 0.1894
Android (android.graphics.Color)	4294797311 (0xFFFD67FF)
YUV	165.1780, 44.2822, 77.0199
Hunter-Lab	61.6215, 76.5166, -52.0156

Details

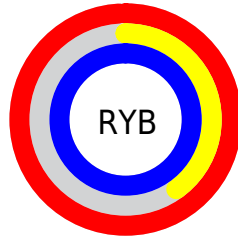
The CIELCh color **68, 89.811, 327.043** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **90, 90.534, 139.035**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 57.941, 326.417**, and **48, 89.855, 326.962** is the 20% darker color. If you saturate the color by 10%, you get **65, 100.362, 327.431**, and if you desaturate by 10%, it is **72, 76.772, 326.717**.

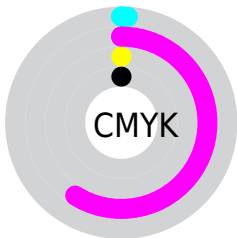
Distribution



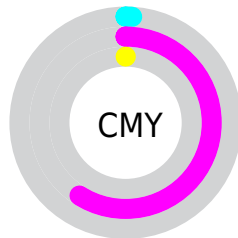
- Red (99%)
- Green (40%)
- Blue (100%)



- Red (99%)
- Yellow (40%)
- Blue (100%)



- Cyan (1%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (59%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 89.811, 327.043 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, 89.811, 327.043 by changing the saturation by 10% instead.

 68, 89.811,
327.043

 68, 89.811,
327.043


 100, 89.811,
327.043


 58, 89.811,
327.043


 88, 89.811,
327.043

 48, 89.811,
327.043


 98, 89.811,
327.043

 38, 89.811,
327.043

 28, 89.811,
327.043

 18, 89.811,
327.043

 8, 89.811, 327.043

 0, 89.811, 327.043

68, 89.811,
327.043

68, 89.811,
327.043

65, 100.362,
327.431

72, 76.772,
326.717

62, 108.324,
327.651

77, 62.322,
326.255

61, 113.276,
327.770

82, 46.908,
325.747

60, 115.527,
327.801

88, 31.019,
325.210

60, 115.619,
327.802

94, 15.018,
324.654

100, 0.012,
296.813

Harmonies

Complementary

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



68, 89.811, 327.043



90, 90.534, 139.035

Rectangle

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



68, 89.811, 327.043



68, 89.811, 17.043



68, 89.811, 147.043



68, 89.811, 197.043

Sweetspot

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



68, 89.663, 327.115



89, 28.683, 325.130



52, 85.474, 299.082



46, 19.942, 325.289



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, 89.663, 327.115



64, 101.777, 327.471



65, 66.236, 349.618



50, 9.027, 324.657



45, 93.123, 327.809



12, 42.839, 327.860

Inverse Universe

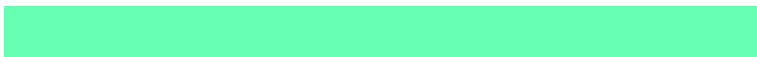
The Inverse Universe completely reimagines the original color for something new.



63, 64.802, 26.796



59, 78.599, 30.375



91, 63.162, 156.023



49, 5.253, 19.079



40, 83.740, 39.577



10, 33.278, 26.752

Previews

White Background



This preview shows how the CIELCh color 68, 89.811, 327.043 looks on a white background.

Color Contrast Check

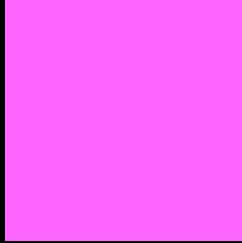
Large Text (above 18pt) WCAG AA × Fail

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, 89.811, 327.043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

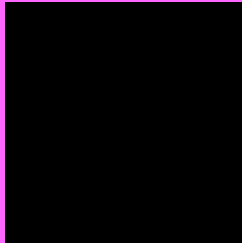
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 89.811, 327.043

Background



This preview shows how black text looks on a background with the CIELCh color 68, 89.811, 327.043.



This preview shows how white text looks on a background with the CIELCh color 68, 89.811, 327.043.

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
68, 43.324, 17.075

Trichromacy



Original Color
68, 89.811, 327.043



Protanomaly
66, 63.994, 305.369



Deuteranomaly
66, 59.605, 305.305

Tritanomaly
67, 54.465, 349.054

Monochromacy



Original Color
68, 89.811, 327.043



Achromatopsia
68, 0.008, 296.813



Achromatomaly
66, 36.151, 325.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 89.811, 327.043 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(253, 103, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 103, 255)  
}
```

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(253, 103, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 103, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 89.811, 327.043 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(253, 103, 255) }
```

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

```
.border{ border-color:rgb(253, 103, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 103, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 103, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 103, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 103,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 89.811, 327.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 103, 255) }
```

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

```
.background{ background-color: rgb(253,  
103, 255) }
```

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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