

Converting Colors

CIELCh(68, 88.661, 327.592)

Have a look what the booklet for
CIELCh(68, 88.661, 327.592)
contains.

CIELCh(68, 88.634, 327.633)	3
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Color

CIELCh(68, 88.634, 327.633)

Conversions

Conversions Part 1

Format	Color
Hex	FE68FD
RGB	254, 104, 253
RGB Percent	100%, 41%, 99%
CMY	0.0047, 0.5929, 0.0086
CMYK	0.00, 0.59, 0.00, 0.00
HSL	300°, 98%, 70%
HSV	300°, 59%, 100%
XYZ	63.4266, 37.9720, 96.7502
YIQ	165.8360, 41.5710, 78.1390

Conversions

Conversions Part 2

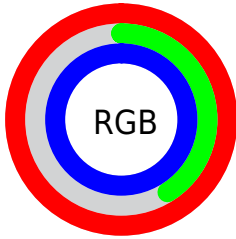
Format	Color
RYB	254, 104, 253
Decimal	16673021
CIELab	68.00, 74.86, -47.45
CIELCh	68, 88.634, 327.633
Yxy	37.9720, 0.3201, 0.1916
Android (android.graphics.Color)	4294863101 (0xFFFE68FD)
YUV	165.8360, 42.9719, 77.3198
Hunter-Lab	61.6215, 75.8914, -49.9546

Details

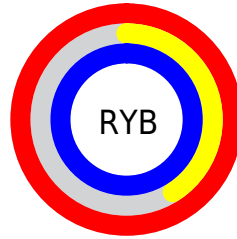
The CIELCh color **68, 88.634, 327.633** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **89, 89.612, 139.413**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 57.340, 326.397**, and **48, 88.807, 327.582** is the 20% darker color. If you saturate the color by 10%, you get **65, 99.285, 327.978**, and if you desaturate by 10%, it is **72, 75.802, 327.214**.

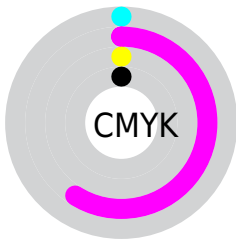
Distribution



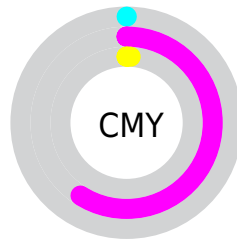
- Red (100%)
- Green (41%)
- Blue (99%)



- Red (100%)
- Yellow (41%)
- Blue (99%)



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





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

Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 88.634, 327.633 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, 88.634, 327.633 by changing the saturation by 10% instead.


 68, 88.634,
327.633


 68, 88.634,
327.633


 100, 88.634,
327.633


 58, 88.634,
327.633


 88, 88.634,
327.633

 48, 88.634,
327.633

 98, 88.634,
327.633

 38, 88.634,
327.633

 28, 88.634,
327.633

 18, 88.634,
327.633

 8, 88.634, 327.633

 0, 88.634, 327.633

68, 88.634,
327.633

68, 88.634,
327.633

65, 99.285,
327.978

72, 75.802,
327.214

62, 107.223,
328.236

77, 61.425,
326.735

61, 112.171,
328.404

82, 46.090,
326.214

60, 114.402,
328.495

88, 30.285,
325.666

60, 114.547,
328.502

94, 14.370,
325.100

100, 0.729,
145.181

100, 0.661,
149.427

100, 0.597,

154.610

100, 0.540,
160.961

Harmonies

Complementary

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



68, 88.634, 327.633



89, 89.612, 139.413

Rectangle

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



68, 88.634, 327.633



68, 88.634, 17.633



68, 88.634, 147.633



68, 88.634, 197.633

Sweetspot

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



68, 88.631, 327.633



89, 28.646, 325.605



52, 86.107, 299.553



46, 19.915, 325.767



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, 88.631, 327.633



64, 101.395, 328.034



65, 65.133, 350.627



50, 9.016, 325.124



45, 92.601, 328.497



12, 42.627, 328.465

Inverse Universe

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



68, 88.631, 327.633



64, 101.395, 328.034



90, 61.674, 156.925



50, 9.016, 325.124



45, 92.601, 328.497



12, 42.627, 328.465

Previews

White Background



This preview shows how the CIELCh color 68, 88.634, 327.633 looks on a white background.

Color Contrast Check

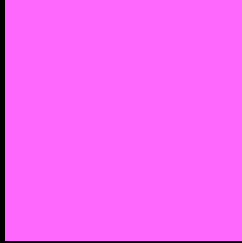
Large Text (above 18pt) WCAG AA × Fail

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, 88.634, 327.633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

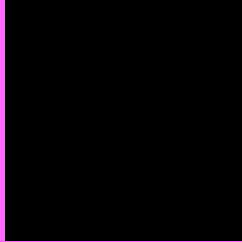
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 88.634, 327.633

Background



This preview shows how black text looks on a background with the CIELCh color 68, 88.634, 327.633.

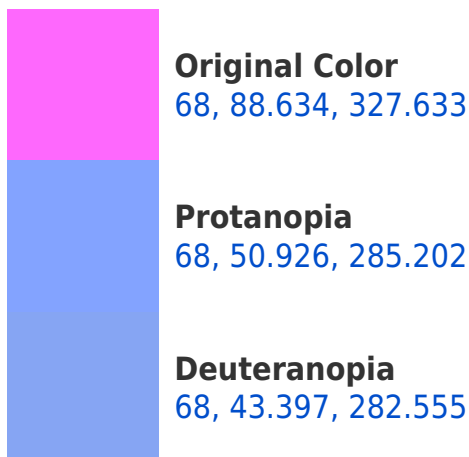


This preview shows how white text looks on a background with the CIELCh color 68, 88.634, 327.633.

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, 43.727, 17.190

Trichromacy



Original Color
68, 88.634, 327.633



Protanomaly
66, 63.470, 305.431



Deuteranomaly
66, 58.628, 306.049

Tritanomaly
67, 54.736, 349.339

Monochromacy



Original Color
68, 88.634, 327.633



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, 88.634, 327.633 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, 104, 253)` looks like.

```
.text, #text, p{  
    color:rgb(254, 104, 253)  
}
```

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, 104, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 104, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 88.634, 327.633 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, 104, 253) }
```

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

```
.border{ border-color:rgb(254, 104, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 104, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 104, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 104, 253);  
box-shadow:4px 4px 4px 4px rgb(254, 104,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 88.634, 327.633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 104, 253) }
```

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

```
.background{ background-color: rgb(254,  
104, 253) }
```

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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