

Converting Colors

CIELCh(68, 88.082, 327.402)

Have a look what the booklet for
CIELCh(68, 88.082, 327.402)
contains.

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Color

CIELCh(68, 88.081, 327.410)

Conversions

Conversions Part 1

Format	Color
Hex	FD69FD
RGB	253, 105, 253
RGB Percent	99%, 41%, 99%
CMY	0.0088, 0.5891, 0.0087
CMYK	0.00, 0.59, 0.00, 0.01
HSL	300°, 97%, 70%
HSV	300°, 59%, 99%
XYZ	63.1434, 37.9720, 96.7398
YIQ	166.1240, 40.7000, 77.4040

Conversions

Conversions Part 2

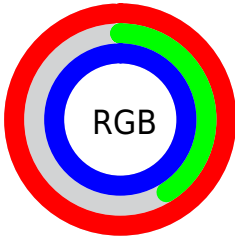
Format	Color
R _Y B	253, 105, 253
Decimal	16607741
CIE Lab	68.00, 74.21, -47.44
CIE LCh	68, 88.081, 327.410
Yxy	37.9720, 0.3191, 0.1919
Android (android.graphics.Color)	4294797821 (0xFFFD69FD)
YUV	166.1240, 42.8299, 76.1903
Hunter-Lab	61.6215, 75.0712, -49.9447

Details

The CIELCh color **68, 88.081, 327.410** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **89, 88.981, 139.321**, 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, 88.244, 327.341** is the 20% darker color. If you saturate the color by 10%, you get **65, 98.888, 327.748**, and if you desaturate by 10%, it is **72, 75.130, 326.995**.

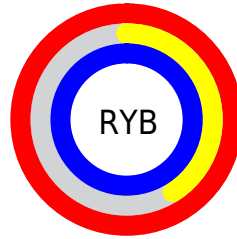
Distribution



Red (99%)

Green (41%)

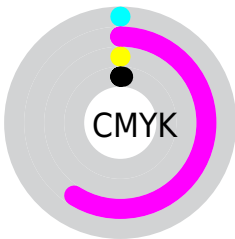
Blue (99%)



Red (99%)

Yellow (41%)

Blue (99%)

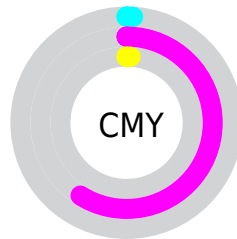


Cyan (0%)

Magenta (59%)

Yellow (0%)

Black (1%)



Cyan (1%)


Magenta (59%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 88.081, 327.410 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, 88.081, 327.410 by changing the saturation by 10% instead.

 68, 88.081,
327.410


 68, 88.081,
327.410


 100, 88.081,
327.410


 58, 88.081,
327.410


 88, 88.081,
327.410

 48, 88.081,
327.410

 98, 88.081,
327.410

 38, 88.081,
327.410

 28, 88.081,
327.410

 18, 88.081,
327.410

 8, 88.081, 327.410

 0, 88.081, 327.410

68, 88.081,
327.410

68, 88.081,
327.410

65, 98.888,
327.748

72, 75.130,
326.995

62, 107.015,
327.997

77, 60.670,
326.519

61, 112.168,
328.152

82, 45.282,
326.001

60, 114.559,
328.223

88, 29.445,
325.455

60, 114.801,
328.230

94, 13.514,
324.890

100, 1.370,
144.617

100, 1.370,
144.600

100, 1.370,

144.583

100, 1.370,
144.566

Harmonies

Complementary

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



68, 88.081, 327.410



89, 88.981, 139.321

Rectangle

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



68, 88.081, 327.410



68, 88.081, 17.410



68, 88.081, 147.410



68, 88.081, 197.410

Sweetspot

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



68, 88.078, 327.410



89, 28.774, 325.425



53, 83.433, 298.869



46, 20.003, 325.586



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, 88.078, 327.410



65, 100.943, 327.791



65, 64.942, 349.453



50, 9.057, 324.945



45, 93.083, 328.230



12, 42.823, 328.231

Inverse Universe

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



63, 63.530, 27.275



59, 77.876, 30.720



90, 61.900, 156.173



49, 5.254, 19.939



40, 84.227, 39.998



10, 33.367, 27.174

Previews

White Background



This preview shows how the CIELCh color 68, 88.081, 327.410 looks on a white background.

Color Contrast Check

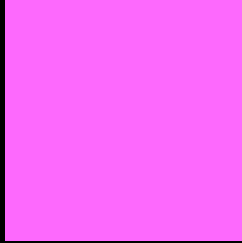
Large Text (above 18pt) WCAG AA × Fail

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, 88.081, 327.410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

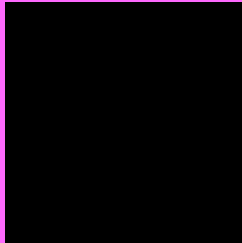
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 88.081, 327.410

Background



This preview shows how black text looks on a background with the CIELCh color 68, 88.081, 327.410.

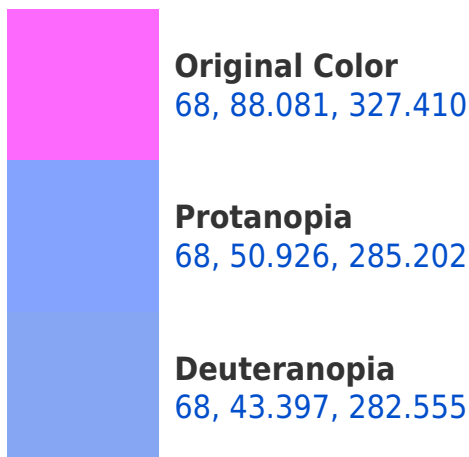


This preview shows how white text looks on a background with the CIELCh color 68, 88.081, 327.410.

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, 42.923, 17.645

Trichromacy



Original Color
68, 88.081, 327.410



Protanomaly
66, 62.822, 304.935



Deuteranomaly
66, 58.589, 305.749

Tritanomaly
67, 53.938, 349.248

Monochromacy



Original Color
68, 88.081, 327.410



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 35.499, 325.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 88.081, 327.410 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, 105, 253)` looks like.

```
.text, #text, p{  
    color:rgb(253, 105, 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(253, 105, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 105, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 88.081, 327.410 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, 105, 253) }
```

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

```
.border{ border-color:rgb(253, 105, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 105, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 105, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 105, 253);  
box-shadow:4px 4px 4px 4px rgb(253, 105,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 88.081, 327.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 105, 253) }
```

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

```
.background{ background-color: rgb(253,  
105, 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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