

Converting Colors

CIELCh(68, 87.050, 328.903)

Have a look what the booklet for
CIELCh(68, 87.050, 328.903)
contains.

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Color

CIELCh(68, 86.781, 328.888)

Conversions

Conversions Part 1

Format	Color
Hex	FF68F8
RGB	255, 104, 248
RGB Percent	100%, 41%, 97%
CMY	0.0000, 0.5918, 0.0272
CMYK	0.00, 0.59, 0.03, 0.00
HSL	303°, 100%, 70%
HSV	303°, 59%, 100%
XYZ	63.1808, 37.9720, 92.8657
YIQ	165.5650, 43.7720, 76.7960

Conversions

Conversions Part 2

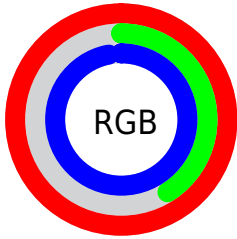
Format	Color
R _Y B	255, 104, 248
Decimal	16738552
CIE Lab	68.00, 74.30, -44.84
CIE LCh	68, 86.781, 328.888
Yxy	37.9720, 0.3256, 0.1957
Android (android.graphics.Color)	4294928632 (0xFFFF68F8)
YUV	165.5650, 40.6405, 78.4345
Hunter-Lab	61.6215, 75.1794, -46.2171

Details

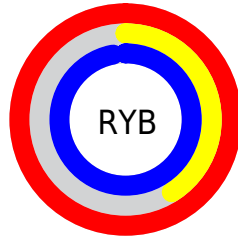
The CIELCh color $68, 86.781, 328.888$ is a light color, and the websafe version is hex FF66FF . A complement of this color would be $90, 87.931, 140.361$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 57.941, 326.417$, and $48, 86.876, 328.898$ is the 20% darker color. If you saturate the color by 10%, you get $65, 97.130, 329.286$, and if you desaturate by 10%, it is $72, 74.246, 328.400$.

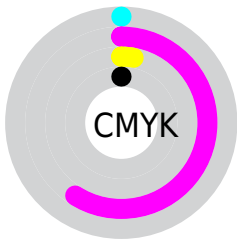
Distribution



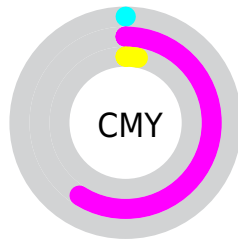
- Red (100%)
- Green (41%)
- Blue (97%)



- Red (100%)
- Yellow (41%)
- Blue (97%)



- Cyan (0%)
- Magenta (59%)
- Yellow (3%)
- Black (0%)



- Cyan (0%)
- Magenta (59%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 86.781, 328.888 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, 86.781, 328.888 by changing the saturation by 10% instead.

 68, 86.781,
328.888

 68, 86.781,
328.888


 100, 86.781,
328.888

 58, 86.781,
328.888


 88, 86.781,
328.888

 48, 86.781,
328.888

 98, 86.781,
328.888

 38, 86.781,
328.888

 28, 86.781,
328.888

 18, 86.781,
328.888

 8, 86.781, 328.888

 0, 86.781, 328.888

68, 86.781,
328.888

68, 86.781,
328.888

65, 97.130,
329.286

72, 74.246,
328.400

62, 104.772,
329.637

77, 60.189,
327.883

60, 109.405,
329.926

82, 45.193,
327.335

60, 111.300,
330.166

88, 29.737,
326.768

60, 111.404,
330.185

94, 14.178,
326.188

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, 86.781, 328.888



90, 87.931, 140.361

Rectangle

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



68, 86.781, 328.888



68, 86.781, 18.888



68, 86.781, 148.888



68, 86.781, 198.888

Sweetspot

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



68, 86.771, 328.871



89, 27.894, 326.700



52, 86.486, 300.242



46, 19.393, 326.867



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, 86.771, 328.871



64, 98.733, 329.355



65, 64.490, 352.862



50, 8.779, 326.207



45, 89.786, 330.150



12, 41.486, 329.909

Inverse Universe

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



68, 86.771, 328.871



64, 98.733, 329.355



91, 60.148, 158.667



50, 8.779, 326.207



45, 89.786, 330.150



12, 41.486, 329.909

Previews

White Background



This preview shows how the CIELCh color 68, 86.781, 328.888 looks on a white background.

Color Contrast Check

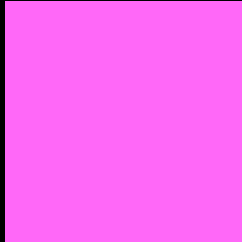
Large Text (above 18pt) WCAG AA × Fail

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, 86.781, 328.888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

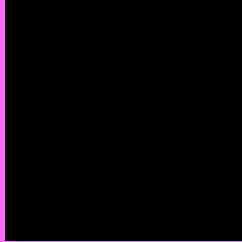
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 86.781, 328.888

Background



This preview shows how black text looks on a background with the CIELCh color 68, 86.781, 328.888.

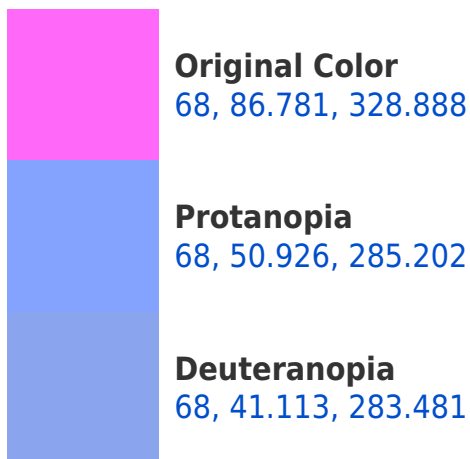


This preview shows how white text looks on a background with the CIELCh color 68, 86.781, 328.888.

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, 44.987, 17.560

Trichromacy



Original Color
68, 86.781, 328.888



Protanomaly
66, 61.802, 305.335



Deuteranomaly
66, 56.769, 307.667



Tritanomaly
67, 54.875, 350.948

Monochromacy



Original Color
68, 86.781, 328.888



Achromatopsia
68, 0.008, 296.813



Achromatomaly
66, 35.278, 326.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 86.781, 328.888 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(255, 104, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 104, 248)  
}
```

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(255, 104, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 104, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 86.781, 328.888 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(255, 104, 248) }
```

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

```
.border{ border-color:rgb(255, 104, 248) }
```

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

Here you see how a box with a 4 pixel rgb(255, 104, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 104, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 104, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 104,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 86.781, 328.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 104, 248) }
```

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

```
.background{ background-color: rgb(255,  
104, 248) }
```

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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