

Converting Colors

CIELCh(68, 85.497, 326.995)

Have a look what the booklet for
CIELCh(68, 85.497, 326.995)
contains.

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Color

CIELCh(68, 85.507, 326.920)

Conversions

Conversions Part 1

Format	Color
Hex	F96CFB
RGB	249, 108, 251
RGB Percent	98%, 42%, 98%
CMY	0.0223, 0.5753, 0.0145
CMYK	0.01, 0.57, 0.00, 0.01
HSL	299°, 95%, 71%
HSV	299°, 57%, 99%
XYZ	62.0362, 37.9720, 95.5793
YIQ	166.4610, 38.1330, 74.3650

Conversions

Conversions Part 2

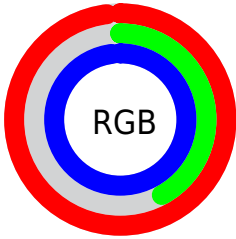
Format	Color
R _Y B	249, 108, 251
Decimal	16346363
CIE Lab	68.00, 71.65, -46.67
CIE LCh	68, 85.507, 326.920
Yxy	37.9720, 0.3172, 0.1941
Android (android.graphics.Color)	4294536443 (0xFFFF96CFB)
YUV	166.4610, 41.6777, 72.3867
Hunter-Lab	61.6215, 71.8638, -48.8280

Details

The CIELCh color **68, 85.507, 326.920** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **89, 86.171, 139.271**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 55.531, 326.337**, and **48, 85.549, 326.796** is the 20% darker color. If you saturate the color by 10%, you get **64, 96.712, 327.255**, and if you desaturate by 10%, it is **72, 72.298, 326.507**.

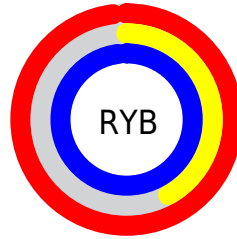
Distribution



Red (98%)

Green (42%)

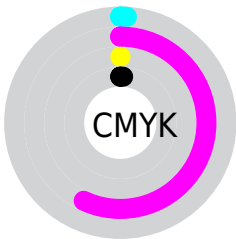
Blue (98%)



Red (98%)

Yellow (42%)

Blue (98%)

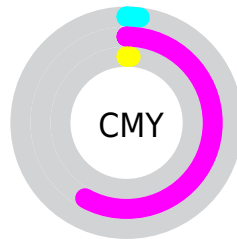


Cyan (1%)

Magenta (57%)

Yellow (0%)

Black (1%)



Cyan (2%)


Magenta (58%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 85.507, 326.920 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, 85.507, 326.920 by changing the saturation by 10% instead.


 68, 85.507,
326.920


 68, 85.507,
326.920


 100, 85.507,
326.920


 58, 85.507,
326.920


 88, 85.507,
326.920

 48, 85.507,
326.920

 98, 85.507,
326.920

 38, 85.507,
326.920

 28, 85.507,
326.920

 18, 85.507,
326.920

 8, 85.507, 326.920

 0, 85.507, 326.920

68, 85.507,
326.920

68, 85.507,
326.920

64, 96.712,
327.255

72, 72.298,
326.507

62, 105.344,
327.495

77, 57.719,
326.034

60, 111.036,
327.633

83, 42.331,
325.519

59, 113.835,
327.673

88, 26.582,
324.980

59, 114.364,
327.674

94, 10.800,
324.420

100, 2.260,
143.717

100, 2.193,
141.096

100, 2.131,

138.315

100, 2.074,
135.373

Harmonies

Complementary

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



68, 85.507, 326.920



89, 86.171, 139.271

Rectangle

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



68, 85.507, 326.920



68, 85.507, 16.920



68, 85.507, 146.920



68, 85.507, 196.920

Sweetspot

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



68, 85.504, 326.920



90, 27.056, 324.986



53, 80.463, 298.494



46, 18.107, 325.096



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, 85.504, 326.920



65, 98.934, 327.287



66, 63.110, 349.167



49, 8.869, 324.568



44, 92.210, 327.683



11, 41.716, 327.752

Inverse Universe

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



64, 60.882, 25.882



60, 74.949, 29.152



90, 60.117, 156.435



49, 5.166, 18.818



39, 82.756, 39.443



9, 32.092, 25.587

Previews

White Background



This preview shows how the CIELCh color 68, 85.507, 326.920 looks on a white background.

Color Contrast Check

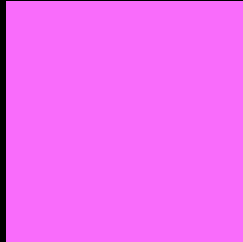
Large Text (above 18pt) WCAG AA × Fail

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, 85.507, 326.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

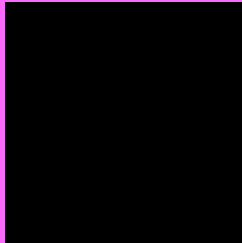
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 85.507, 326.920

Background



This preview shows how black text looks on a background with the CIELCh color 68, 85.507, 326.920.

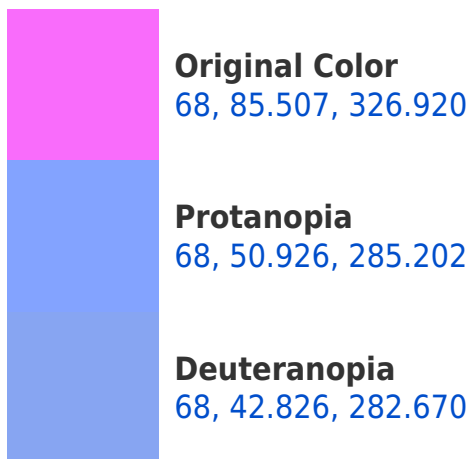


This preview shows how white text looks on a background with the CIELCh color 68, 85.507, 326.920.

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, 41.209, 16.416

Trichromacy



Original Color
68, 85.507, 326.920



Protanomaly
66, 62.176, 304.429



Deuteranomaly
66, 56.915, 305.667



Tritanomaly
67, 51.777, 348.472

Monochromacy



Original Color
68, 85.507, 326.920



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 34.011, 325.314

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 85.507, 326.920 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(249, 108, 251)` looks like.

```
.text, #text, p{  
    color:rgb(249, 108, 251)  
}
```

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(249, 108, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 108, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 85.507, 326.920 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(249, 108, 251) }
```

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

```
.border{ border-color:rgb(249, 108, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 108, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 108, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 108, 251);  
box-shadow:4px 4px 4px 4px rgb(249, 108,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 85.507, 326.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 108, 251) }
```

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

```
.background{ background-color: rgb(249,  
108, 251) }
```

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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