

Converting Colors

CIELCh(67, 91.354, 326.176)

Have a look what the booklet for
CIELCh(67, 91.354, 326.176)
contains.

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Color

CIELCh(67, 90.918, 326.285)

Conversions

Conversions Part 1

Format	Color
Hex	F964FF
RGB	249, 100, 255
RGB Percent	98%, 39%, 100%
CMY	0.0221, 0.6064, 0.0000
CMYK	0.02, 0.61, 0.00, 0.00
HSL	298°, 100%, 70%
HSV	298°, 61%, 100%
XYZ	61.8942, 36.6320, 98.7131
YIQ	162.2210, 39.0490, 79.7930

Conversions

Conversions Part 2

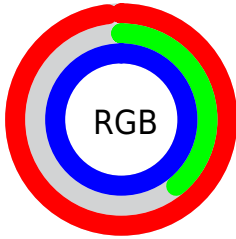
Format	Color
R_{YB}	249, 100, 255
Decimal	16344319
CIE _{Lab}	67.00, 75.63, -50.47
CIE _{LCh}	67, 90.918, 326.285
Yxy	36.6320, 0.3138, 0.1857
Android (android.graphics.Color)	4294534399 (0xFFFF964FF)
YUV	162.2210, 45.7400, 76.1052
Hunter-Lab	60.5244, 76.6224, -54.3329

Details

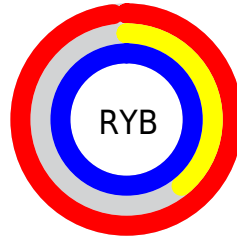
The CIELCh color **67, 90.918, 326.285** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **90, 91.450, 138.467**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 59.735, 326.477**, and **47, 91.102, 326.184** is the 20% darker color. If you saturate the color by 10%, you get **64, 101.291, 326.622**, and if you desaturate by 10%, it is **71, 78.039, 325.988**.

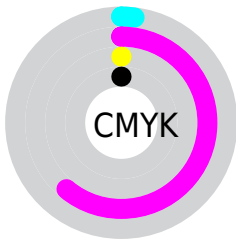
Distribution



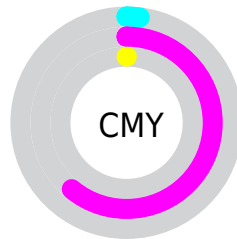
- Red (98%)
- Green (39%)
- Blue (100%)



- Red (98%)
- Yellow (39%)
- Blue (100%)



- Cyan (2%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (61%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 90.918, 326.285 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 67, 90.918, 326.285 by changing the saturation by 10% instead.

 67, 90.918,
326.285


 67, 90.918,
326.285


 100, 90.918,
326.285


 57, 90.918,
326.285


 87, 90.918,
326.285

 47, 90.918,
326.285

 97, 90.918,
326.285

 37, 90.918,
326.285

 27, 90.918,
326.285

 17, 90.918,
326.285

 7, 90.918, 326.285

 0, 90.918, 326.285

67, 90.918,
326.285

67, 90.918,
326.285

64, 101.291,
326.622

71, 78.039,
325.988

61, 109.040,
326.783

76, 63.727,
325.552

59, 113.753,
326.825

81, 48.439,
325.066

59, 115.777,
326.771

87, 32.666,
324.548

93, 16.773,
324.012

100, 1.013,
323.206

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.



67, 90.918, 326.285



90, 91.450, 138.467

Rectangle

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



67, 90.918, 326.285



67, 90.918, 16.285



67, 90.918, 146.285



67, 90.918, 196.285

Sweetspot

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



67, 90.775, 326.352



89, 28.467, 324.408



53, 84.182, 298.186



46, 19.795, 324.563



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67, 90.775, 326.352



63, 103.384, 326.671



65, 68.438, 347.719



50, 8.955, 323.950



44, 93.248, 326.796



12, 42.888, 326.967

Inverse Universe

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



63, 65.516, 25.329



58, 79.774, 29.397



90, 66.148, 154.217



49, 5.254, 16.994



40, 82.649, 38.598



10, 33.070, 25.718

Previews

White Background



This preview shows how the CIELCh color 67, 90.918, 326.285 looks on a white background.

Color Contrast Check

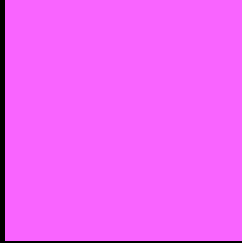
Large Text (above 18pt) WCAG AA × Fail

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 67, 90.918, 326.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

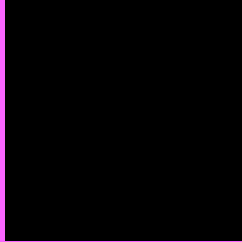
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 90.918, 326.285

Background



This preview shows how black text looks on a background with the CIELCh color 67, 90.918, 326.285.



This preview shows how white text looks on a background with the CIELCh color 67, 90.918, 326.285.

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



Original Color
67, 90.918, 326.285

Protanopia
67, 52.738, 285.353

Deuteranopia
67, 45.852, 282.007



Tritanopia
67, 42.619, 16.911

Trichromacy



Original Color
67, 90.918, 326.285



Protanomaly
65, 65.705, 304.726



Deuteranomaly
65, 60.776, 304.646

Tritanomaly
66, 54.745, 347.848

Monochromacy



Original Color
67, 90.918, 326.285



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 36.516, 324.960

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 90.918, 326.285 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, 100, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 100, 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(249, 100, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 100, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 90.918, 326.285 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, 100, 255) }
```

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

```
.border{ border-color:rgb(249, 100, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 100, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 100, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 100, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 100,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 90.918, 326.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 100, 255) }
```

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

```
.background{ background-color: rgb(249,  
100, 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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