

Converting Colors

CIELCh(67, 90.454, 326.151)

Have a look what the booklet for
CIELCh(67, 90.454, 326.151)
contains.

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Color

CIELCh(67, 90.454, 326.265)

Conversions

Conversions Part 1

Format	Color
Hex	F965FF
RGB	249, 101, 255
RGB Percent	98%, 40%, 100%
CMY	0.0238, 0.6042, 0.0003
CMYK	0.02, 0.60, 0.00, 0.00
HSL	298°, 100%, 70%
HSV	298°, 60%, 100%
XYZ	61.7215, 36.6320, 98.3597
YIQ	162.8080, 38.7740, 79.2700

Conversions

Conversions Part 2

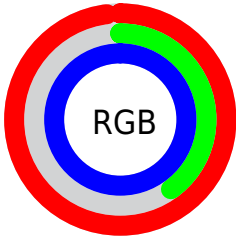
Format	Color
R _{YB}	249, 101, 255
Decimal	16344575
CIE _{Lab}	67.00, 75.22, -50.23
CIE _{LCh}	67, 90.454, 326.265
Yxy	36.6320, 0.3138, 0.1862
Android (android.graphics.Color)	4294534655 (0xFFFF965FF)
YUV	162.8080, 45.4507, 75.5904
Hunter-Lab	60.5244, 76.1131, -53.9866

Details

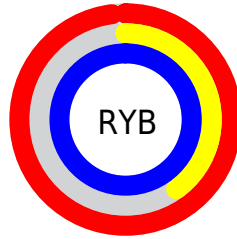
The CIELCh color $67, 90.454, 326.265$ is a light color, and the websafe version is hex FF66FF . A complement of this color would be $90, 91.083, 138.447$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 59.138, 326.457$, and $47, 90.618, 326.157$ is the 20% darker color. If you saturate the color by 10%, you get $64, 101.036, 326.535$, and if you desaturate by 10%, it is $71, 77.668, 325.902$.

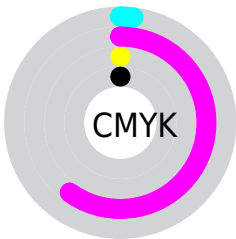
Distribution



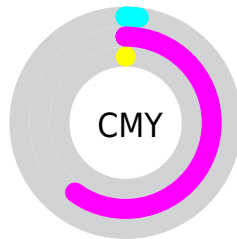
- Red (98%)
- Green (40%)
- Blue (100%)



- Red (98%)
- Yellow (40%)
- Blue (100%)



- Cyan (2%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (60%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 90.454, 326.265 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, 90.454, 326.265 by changing the saturation by 10% instead.

 67, 90.454,
326.265


 67, 90.454,
326.265


 100, 90.454,
326.265

 57, 90.454,
326.265

 87, 90.454,
326.265

 47, 90.454,
326.265

 97, 90.454,
326.265

 37, 90.454,
326.265

 27, 90.454,
326.265

 17, 90.454,
326.265

 7, 90.454, 326.265

 0, 90.454, 326.265

67, 90.454,
326.265

67, 90.454,
326.265

64, 101.036,
326.535

71, 77.668,
325.902

61, 108.866,
326.694

76, 63.328,
325.467

59, 113.661,
326.732

82, 48.031,
324.981

59, 115.768,
326.670

87, 32.264,
324.464

93, 16.386,
323.929

100, 0.647,
322.960

100, 0.028,
107.379

Harmonies

Complementary

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



67, 90.454, 326.265



90, 91.083, 138.447

Rectangle

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



67, 90.454, 326.265



67, 90.454, 16.265



67, 90.454, 146.265



67, 90.454, 196.265

Sweetspot

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



67, 90.451, 326.265



89, 28.446, 324.337



53, 83.803, 298.130



46, 19.781, 324.491



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, 90.451, 326.265



63, 102.503, 326.568



65, 68.212, 347.680



50, 8.948, 323.880



44, 93.262, 326.697



12, 42.893, 326.880

Inverse Universe

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



63, 65.158, 25.083



58, 78.552, 28.862



90, 65.916, 154.255



49, 5.255, 16.790



40, 82.548, 38.505



10, 33.050, 25.616

Previews

White Background



This preview shows how the CIELCh color 67, 90.454, 326.265 looks on a white background.

Color Contrast Check

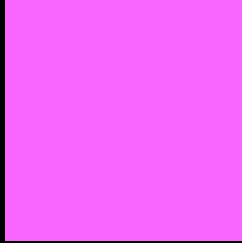
Large Text (above 18pt) WCAG AA × Fail

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, 90.454, 326.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

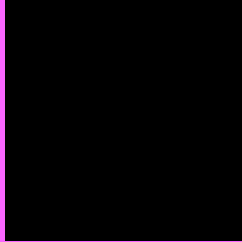
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 90.454, 326.265

Background



This preview shows how black text looks on a background with the CIELCh color 67, 90.454, 326.265.



This preview shows how white text looks on a background with the CIELCh color 67, 90.454, 326.265.

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, 90.454, 326.265

Protanopia

67, 52.738, 285.353

Deuteranopia

67, 45.852, 282.007



Tritanopia
67, 41.809, 17.378

Trichromacy



Original Color
67, 90.454, 326.265



Protanomaly
65, 65.090, 304.502



Deuteranomaly
65, 60.776, 304.646

Tritanomaly
66, 53.950, 347.734

Monochromacy



Original Color
67, 90.454, 326.265



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, 90.454, 326.265 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, 101, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 101, 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, 101, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 101, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 90.454, 326.265 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, 101, 255) }
```

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

```
.border{ border-color:rgb(249, 101, 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, 101, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 101, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 101, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 101,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 90.454, 326.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 101, 255) }
```

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

```
.background{ background-color: rgb(249,  
101, 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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