

Converting Colors

CIELCh(67, 90.128, 326.647)

Have a look what the booklet for
CIELCh(67, 90.128, 326.647)
contains.

CIELCh(67, 90.125, 326.660)	3
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Color

CIELCh(67, 90.125, 326.660)

Conversions

Conversions Part 1

Format	Color
Hex	FA65FE
RGB	250, 101, 254
RGB Percent	98%, 40%, 100%
CMY	0.0210, 0.6053, 0.0053
CMYK	0.02, 0.60, 0.00, 0.01
HSL	298°, 98%, 69%
HSV	298°, 60%, 99%
XYZ	61.7513, 36.6320, 97.2943
YIQ	162.9930, 39.6910, 79.1710

Conversions

Conversions Part 2

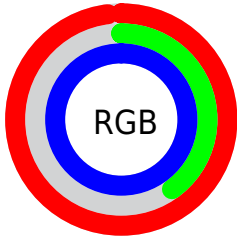
Format	Color
R _Y B	250, 101, 254
Decimal	16410110
CIE Lab	67.00, 75.29, -49.53
CIE LCh	67, 90.125, 326.660
Yxy	36.6320, 0.3156, 0.1872
Android (android.graphics.Color)	4294600190 (0xFFFA65FE)
YUV	162.9930, 44.8665, 76.3051
Hunter-Lab	60.5244, 76.2009, -52.9430

Details

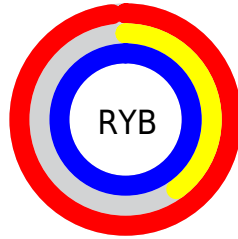
The CIELCh color $67, 90.125, 326.660$ is a light color, and the websafe version is hex FF66FF . A complement of this color would be $89, 90.886, 138.679$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 59.138, 326.457$, and $47, 90.215, 326.567$ is the 20% darker color. If you saturate the color by 10%, you get $64, 100.633, 326.947$, and if you desaturate by 10%, it is $71, 77.405, 326.284$.

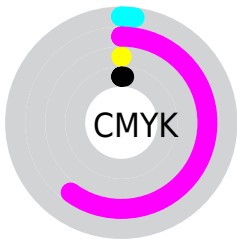
Distribution



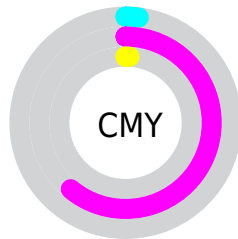
- Red (98%)
- Green (40%)
- Blue (100%)



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



- Cyan (2%)
- Magenta (60%)
- Yellow (0%)
- Black (1%)





- Cyan (2%)
- Magenta (61%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 90.125, 326.660 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, 90.125, 326.660 by changing the saturation by 10% instead.

 67, 90.125,
326.660


 67, 90.125,
326.660


 100, 90.125,
326.660


 57, 90.125,
326.660


 87, 90.125,
326.660

 47, 90.125,
326.660

 97, 90.125,
326.660

 37, 90.125,
326.660

 27, 90.125,
326.660

 17, 90.125,
326.660

 7, 90.125, 326.660

 0, 90.125, 326.660

67, 90.125,
326.660

67, 90.125,
326.660

64, 100.633,
326.947

71, 77.405,
326.284

61, 108.396,
327.130

76, 63.117,
325.839

60, 113.147,
327.202

81, 47.855,
325.345

59, 115.246,
327.179

87, 32.107,
324.820

93, 16.240,
324.276

99, 0.505, 323.164

100, 0.715,
129.958

100, 0.670,
111.003

100, 0.669,
110.012

Harmonies

Complementary

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



67, 90.125, 326.660



89, 90.886, 138.679

Rectangle

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



67, 90.125, 326.660



67, 90.125, 16.660



67, 90.125, 146.660



67, 90.125, 196.660

Sweetspot

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



67, 90.122, 326.660



89, 28.552, 324.696



52, 84.893, 298.700



46, 19.853, 324.852



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, 90.122, 326.660



63, 102.571, 326.986



65, 67.281, 348.704



50, 8.983, 324.231



45, 93.194, 327.197



12, 42.867, 327.321

Inverse Universe

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



63, 65.125, 25.950



58, 79.086, 29.711



90, 64.612, 155.068



49, 5.253, 17.821



40, 83.068, 38.980



10, 33.151, 26.130

Previews

White Background



This preview shows how the CIELCh color 67, 90.125, 326.660 looks on a white background.

Color Contrast Check

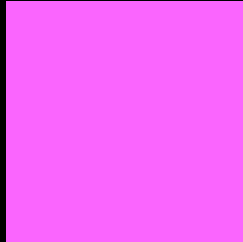
Large Text (above 18pt) WCAG AA × Fail

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, 90.125, 326.660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

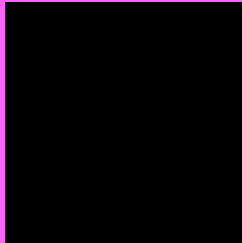
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 90.125, 326.660

Background



This preview shows how black text looks on a background with the CIELCh color 67, 90.125, 326.660.

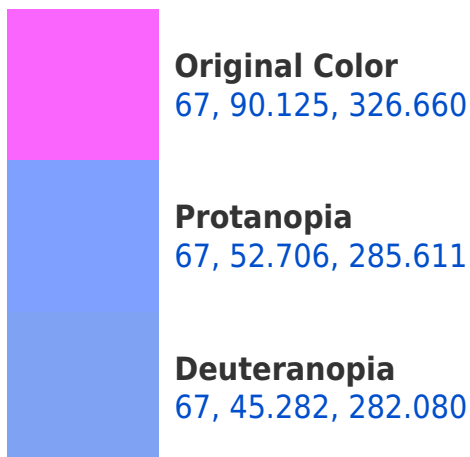


This preview shows how white text looks on a background with the CIELCh color 67, 90.125, 326.660.

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
67, 42.619, 16.911

Trichromacy



Original Color
67, 90.125, 326.660



Protanomaly
65, 65.731, 304.982



Deuteranomaly
65, 60.278, 304.993

Tritanomaly
66, 54.214, 348.028

Monochromacy



Original Color
67, 90.125, 326.660



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 36.691, 325.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 90.125, 326.660 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(250, 101, 254)` looks like.

```
.text, #text, p{  
    color:rgb(250, 101, 254)  
}
```

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(250, 101, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 101, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 90.125, 326.660 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(250, 101, 254) }
```

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

```
.border{ border-color:rgb(250, 101, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 101, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 101, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 101, 254);  
box-shadow:4px 4px 4px 4px rgb(250, 101,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 90.125, 326.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 101, 254) }
```

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

```
.background{ background-color: rgb(250,  
101, 254) }
```

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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