

Converting Colors

CIELCh(67, 86.930, 325.242)

Have a look what the booklet for
CIELCh(67, 86.930, 325.242)
contains.

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Color

CIELCh(67, 87.235, 325.096)

Conversions

Conversions Part 1

Format	Color
Hex	F36AFE
RGB	243, 106, 254
RGB Percent	95%, 42%, 100%
CMY	0.0460, 0.5833, 0.0029
CMYK	0.04, 0.58, 0.00, 0.00
HSL	296°, 99%, 71%
HSV	296°, 58%, 100%
XYZ	60.1609, 36.6320, 97.8756
YIQ	163.8350, 34.1440, 75.0720

Conversions

Conversions Part 2

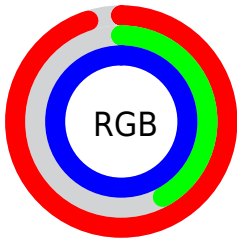
Format	Color
R _Y B	243, 106, 254
Decimal	15952638
CIE _{Lab}	67.00, 71.54, -49.92
CIE _{LCh}	67, 87.235, 325.096
Yxy	36.6320, 0.3090, 0.1882
Android (android.graphics.Color)	4294142718 (0xFFFF36AFE)
YUV	163.8350, 44.4513, 69.4277
Hunter-Lab	60.5244, 71.5105, -53.5124

Details

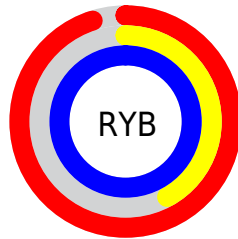
The CIELCh color $67, 87.235, 325.096$ is a light color, and the websafe version is hex `FF66FF`. A complement of this color would be $90, 87.331, 138.015$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 56.738, 326.377$, and $47, 87.362, 325.111$ is the 20% darker color. If you saturate the color by 10%, you get $63, 98.487, 325.350$, and if you desaturate by 10%, it is $72, 73.995, 324.743$.

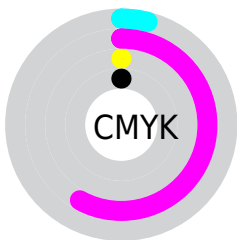
Distribution



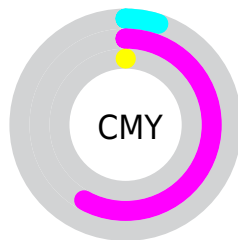
- Red (95%)
- Green (42%)
- Blue (100%)



- Red (95%)
- Yellow (42%)
- Blue (100%)



- Cyan (4%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)




- Cyan (5%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 87.235, 325.096 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, 87.235, 325.096 by changing the saturation by 10% instead.

 67, 87.235,
325.096


 67, 87.235,
325.096

 100, 87.235,
325.096

 57, 87.235,
325.096

 87, 87.235,
325.096

 47, 87.235,
325.096

 97, 87.235,
325.096

 37, 87.235,
325.096

 27, 87.235,
325.096

 17, 87.235,
325.096

 7, 87.235, 325.096

 0, 87.235, 325.096

67, 87.235,
325.096

67, 87.235,
325.096

63, 98.487,
325.350

72, 73.995,
324.743

60, 107.140,
325.480

77, 59.424,
324.318

58, 112.783,
325.468

82, 44.085,
323.844

57, 115.499,
325.315

88, 28.419,
323.343

57, 115.835,
325.280

95, 12.740,
322.824

100, 0.397,
131.154

100, 0.369,
109.941

Harmonies

Complementary

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



67, 87.235, 325.096



90, 87.331, 138.015

Rectangle

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



67, 87.235, 325.096



67, 87.235, 15.096



67, 87.235, 145.096



67, 87.235, 195.096

Sweetspot

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



67, 87.232, 325.096



89, 26.582, 323.281



55, 77.221, 296.331



46, 17.794, 323.384



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, 87.232, 325.096



63, 100.479, 325.383



66, 67.267, 345.331



50, 8.852, 322.893



43, 93.497, 325.329



11, 42.983, 325.673

Inverse Universe

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



64, 61.670, 21.916



59, 75.018, 25.690



90, 65.581, 153.077



50, 5.270, 13.944



40, 81.147, 37.159



10, 32.783, 24.179

Previews

White Background



This preview shows how the CIELCh color 67, 87.235, 325.096 looks on a white background.

Color Contrast Check

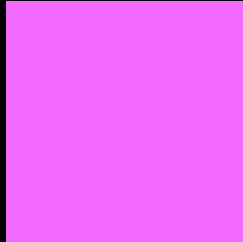
Large Text (above 18pt) WCAG AA × Fail

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, 87.235, 325.096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

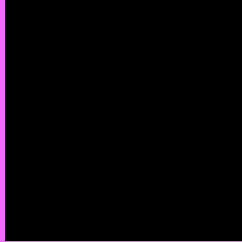
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 87.235, 325.096

Background



This preview shows how black text looks on a background with the CIELCh color 67, 87.235, 325.096.

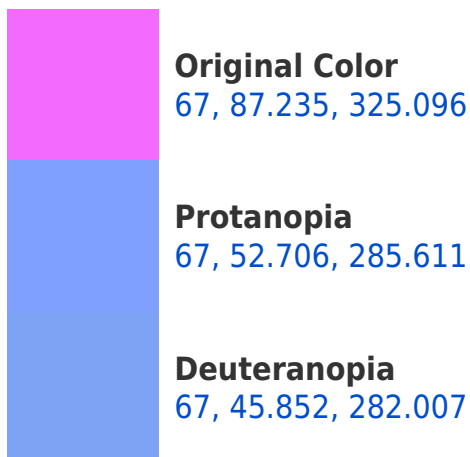


This preview shows how white text looks on a background with the CIELCh color 67, 87.235, 325.096.

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, 38.384, 15.518

Trichromacy



Original Color
67, 87.235, 325.096



Protanomaly
65, 64.427, 303.753



Deuteranomaly
65, 59.479, 303.578

Tritanomaly
66, 50.970, 345.906

Monochromacy



Original Color
67, 87.235, 325.096



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 34.831, 323.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 87.235, 325.096 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(243, 106, 254)` looks like.

```
.text, #text, p{  
    color:rgb(243, 106, 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(243, 106, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 106, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 87.235, 325.096 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(243, 106, 254) }
```

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

```
.border{ border-color:rgb(243, 106, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 106, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 106, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 106, 254);  
box-shadow:4px 4px 4px 4px rgb(243, 106,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 87.235, 325.096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 106, 254) }
```

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

```
.background{ background-color: rgb(243,  
106, 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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