

Converting Colors

CIELCh(66, 89.511, 324.791)

Have a look what the booklet for
CIELCh(66, 89.511, 324.791)
contains.

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Color

CIELCh(66, 89.521, 324.821)

Conversions

Conversions Part 1

Format	Color
Hex	F165FE
RGB	241, 101, 254
RGB Percent	95%, 40%, 100%
CMY	0.0534, 0.6025, 0.0025
CMYK	0.05, 0.60, 0.00, 0.00
HSL	295°, 99%, 70%
HSV	295°, 60%, 100%
XYZ	59.0403, 35.3238, 97.7778
YIQ	160.3020, 34.3270, 77.2630

Conversions

Conversions Part 2

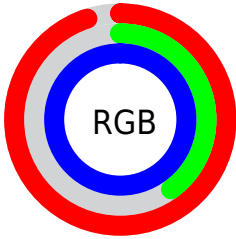
Format	Color
R _Y B	241, 101, 254
Decimal	15820286
CIE Lab	66.00, 73.17, -51.58
CIE LCh	66, 89.521, 324.821
Yxy	35.3238, 0.3073, 0.1838
Android (android.graphics.Color)	4294010366 (0xFFFF165FE)
YUV	160.3020, 46.1931, 70.7721
Hunter-Lab	59.4338, 73.3088, -55.9375

Details

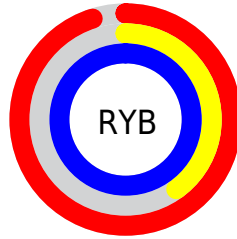
The CIELCh color **66, 89.521, 324.821** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **90, 89.570, 137.631**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 59.735, 326.477**, and **46, 89.735, 324.849** is the 20% darker color. If you saturate the color by 10%, you get **62, 100.369, 325.042**, and if you desaturate by 10%, it is **70, 76.578, 324.493**.

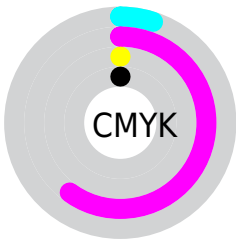
Distribution



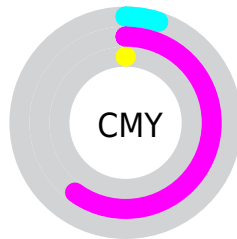
- Red (95%)
- Green (40%)
- Blue (100%)



- Red (95%)
- Yellow (40%)
- Blue (100%)



- Cyan (5%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (60%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 89.521, 324.821 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 66, 89.521, 324.821 by changing the saturation by 10% instead.


 66, 89.521,
324.821


 66, 89.521,
324.821


 100, 89.521,
324.821


 56, 89.521,
324.821


 86, 89.521,
324.821

 46, 89.521,
324.821

 96, 89.521,
324.821

 36, 89.521,
324.821

 26, 89.521,
324.821

 16, 89.521,
324.821

 6, 89.521, 324.821

 0, 89.521, 324.821

66, 89.521,
324.821

66, 89.521,
324.821

62, 100.369,
325.042

70, 76.578,
324.493

59, 108.524,
325.129

76, 62.206,
324.086

58, 113.627,
325.065

81, 46.988,
323.626

57, 115.981,
324.866

87, 31.383,
323.134

93, 15.726,
322.625

100, 0.238,
320.946

100, 0.311,
109.906

Harmonies

Complementary

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



66, 89.521, 324.821



90, 89.570, 137.631

Rectangle

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



66, 89.521, 324.821



66, 89.521, 14.821



66, 89.521, 144.821



66, 89.521, 194.821

Sweetspot

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



66, 89.518, 324.821



89, 28.072, 323.026



55, 78.541, 296.135



46, 19.527, 323.172



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 89.518, 324.821



62, 102.300, 325.069



65, 69.743, 344.646



50, 8.824, 322.592



43, 93.581, 324.922



11, 43.015, 325.313

Inverse Universe

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



63, 63.681, 21.689



59, 76.785, 25.673



90, 68.454, 152.037



50, 5.277, 13.090



40, 80.678, 36.686



10, 32.707, 23.741

Previews

White Background



This preview shows how the CIELCh color 66, 89.521, 324.821 looks on a white background.

Color Contrast Check

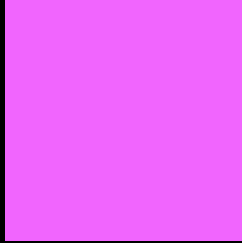
Large Text (above 18pt) WCAG AA × Fail

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 66, 89.521, 324.821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

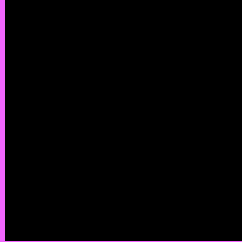
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 89.521, 324.821

Background



This preview shows how black text looks on a background with the CIELCh color 66, 89.521, 324.821.



This preview shows how white text looks on a background with the CIELCh color 66, 89.521, 324.821.

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

66, 89.521, 324.821

Protanopia

66, 53.971, 285.311

Deuteranopia

66, 47.169, 281.404



Tritanopia
66, 38.525, 15.611

Trichromacy



Original Color
66, 89.521, 324.821



Protanomaly
64, 66.192, 303.439



Deuteranomaly
64, 61.214, 302.939

Tritanomaly
65, 51.870, 345.289

Monochromacy



Original Color
66, 89.521, 324.821



Achromatopsia
66, 0.008, 296.813



Achromatomaly
64, 36.043, 323.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 89.521, 324.821 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(241, 101, 254)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 101, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 101, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 89.521, 324.821 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(241, 101, 254) }
```

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

```
.border{ border-color:rgb(241, 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(241, 101, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 101, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 101, 254);  
box-shadow:4px 4px 4px 4px rgb(241, 101,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 89.521, 324.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 101, 254) }
```

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

```
.background{ background-color: rgb(241,  
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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