

Converting Colors

CIELCh(64, 89.705, 329.105)

Have a look what the booklet for
CIELCh(64, 89.705, 329.105)
contains.

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Color

CIELCh(64, 89.799, 329.030)

Conversions

Conversions Part 1

Format	Color
Hex	F658EF
RGB	246, 88, 239
RGB Percent	96%, 35%, 94%
CMY	0.0353, 0.6549, 0.0628
CMYK	0.00, 0.64, 0.03, 0.04
HSL	303°, 90%, 65%
HSV	303°, 64%, 96%
XYZ	57.0721, 32.8017, 84.9804
YIQ	152.4560, 45.6970, 80.4570

Conversions

Conversions Part 2

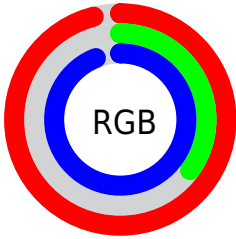
Format	Color
R _{YB}	246, 88, 239
Decimal	16144623
CIE _{Lab}	64.00, 77.00, -46.21
CIE _{LCh}	64, 89.799, 329.030
Yxy	32.8017, 0.3264, 0.1876
Android (android.graphics.Color)	4294334703 (0xFFFF658EF)
YUV	152.4560, 42.6662, 82.0381
Hunter-Lab	57.2727, 77.6474, -47.8827

Details

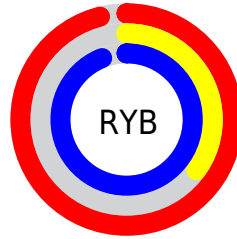
The CIELCh color **64, 89.799, 329.030** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **86, 91.422, 139.709**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 66.203, 326.690**, and **44, 89.651, 329.105** is the 20% darker color. If you saturate the color by 10%, you get **61, 98.629, 329.410**, and if you desaturate by 10%, it is **68, 78.579, 328.589**.

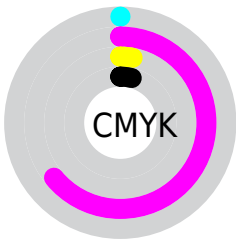
Distribution



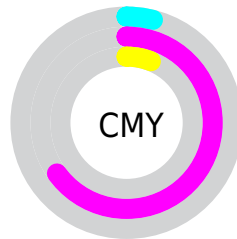
- Red (96%)
- Green (35%)
- Blue (94%)



- Red (96%)
- Yellow (35%)
- Blue (94%)



- Cyan (0%)
- Magenta (64%)
- Yellow (3%)
- Black (4%)





- Cyan (4%)
- Magenta (65%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 89.799, 329.030 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 64, 89.799, 329.030 by changing the saturation by 10% instead.

 64, 89.799,
329.030


 64, 89.799,
329.030


 100, 89.799,
329.030


 54, 89.799,
329.030


 84, 89.799,
329.030

 44, 89.799,
329.030

 94, 89.799,
329.030

 34, 89.799,
329.030

 24, 89.799,
329.030

 14, 89.799,
329.030

 4, 89.799, 329.030

 0, 89.799, 329.030

64, 89.799,
329.030

64, 89.799,
329.030

61, 98.629,
329.410

68, 78.579,
328.589

59, 104.646,
329.725

72, 65.572,
328.096

58, 107.755,
329.980

77, 51.380,
327.564

58, 108.556,
330.110

83, 36.524,
327.007

88, 21.410,
326.436

94, 6.326, 325.836

99, 5.325, 146.235

99, 4.887, 150.067

Harmonies

Complementary

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



64, 89.799, 329.030



86, 91.422, 139.709

Rectangle

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



64, 89.799, 329.030



64, 89.799, 19.030



64, 89.799, 149.030



64, 89.799, 199.030

Sweetspot

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



64, 89.796, 329.030



88, 29.483, 326.712



47, 91.782, 301.258



45, 20.298, 326.875



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 89.796, 329.030



63, 103.469, 329.508



61, 66.927, 353.891



48, 8.499, 326.160



44, 88.113, 330.076



11, 39.357, 329.822

Inverse Universe

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



64, 89.796, 329.030



63, 103.469, 329.508



87, 62.505, 157.850



48, 8.499, 326.160



44, 88.113, 330.076



11, 39.357, 329.822

Previews

White Background



This preview shows how the CIELCh color 64, 89.799, 329.030 looks on a white background.

Color Contrast Check

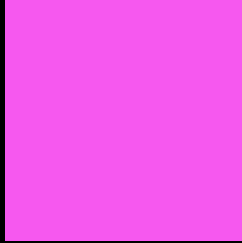
Large Text (above 18pt) WCAG AA × Fail

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 64, 89.799, 329.030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

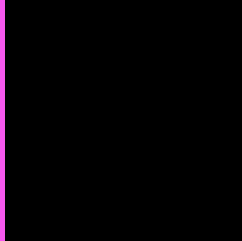
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 89.799, 329.030

Background



This preview shows how black text looks on a background with the CIELCh color 64, 89.799, 329.030.

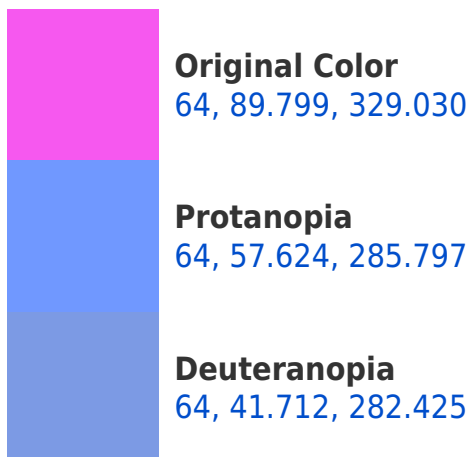


This preview shows how white text looks on a background with the CIELCh color 64, 89.799, 329.030.

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
64, 47.013, 19.678

Trichromacy



Original Color
64, 89.799, 329.030



Protanomaly
62, 67.868, 304.497



Deuteranomaly
62, 58.460, 307.306



Tritanomaly
63, 56.498, 351.991

Monochromacy



Original Color
64, 89.799, 329.030



Achromatopsia
63, 0.008, 296.813



Achromatomaly
61, 36.983, 327.070

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 89.799, 329.030 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(246, 88, 239)` looks like.

```
.text, #text, p{  
    color:rgb(246, 88, 239)  
}
```

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(246, 88, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 88, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 89.799, 329.030 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(246, 88, 239) }
```

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

```
.border{ border-color:rgb(246, 88, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 88, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 88, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 88, 239);  
box-shadow:4px 4px 4px 4px rgb(246, 88,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 89.799, 329.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 88, 239) }
```

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

```
.background{ background-color: rgb(246, 88,  
239) }
```

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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