

Converting Colors

CIELCh(64, 95.207, 324.655)

Have a look what the booklet for
CIELCh(64, 95.207, 324.655)
contains.

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Color

CIELCh(64, 95.297, 324.581)

Conversions

Conversions Part 1

Format	Color
Hex	EF59FF
RGB	239, 89, 255
RGB Percent	94%, 35%, 100%
CMY	0.0619, 0.6501, 0.0000
CMYK	0.06, 0.65, 0.00, 0.00
HSL	294°, 100%, 67%
HSV	294°, 65%, 100%
XYZ	57.3420, 32.8017, 98.0901
YIQ	152.7740, 36.1140, 83.4260

Conversions

Conversions Part 2

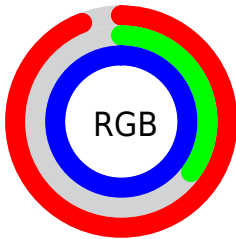
Format	Color
R _Y B	239, 89, 255
Decimal	15686143
CIE Lab	64.00, 77.66, -55.23
CIE LCh	64, 95.297, 324.581
Yxy	32.8017, 0.3046, 0.1743
Android (android.graphics.Color)	4293876223 (0xFFEF59FF)
YUV	152.7740, 50.3974, 75.6202
Hunter-Lab	57.2727, 78.4887, -61.4541

Details

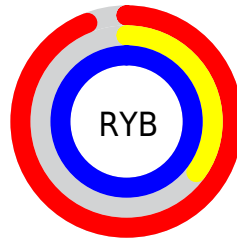
The CIELCh color **64, 95.297, 324.581** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **90, 95.366, 137.014**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 66.203, 326.690**, and **44, 95.093, 324.621** is the 20% darker color. If you saturate the color by 10%, you get **61, 104.891, 324.762**, and if you desaturate by 10%, it is **68, 83.140, 324.345**.

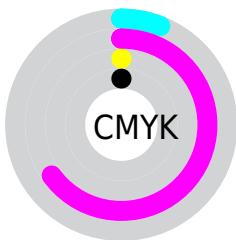
Distribution



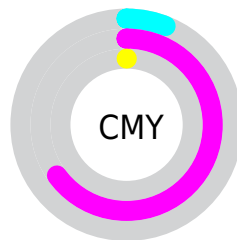
- Red (94%)
- Green (35%)
- Blue (100%)



- Red (94%)
- Yellow (35%)
- Blue (100%)



- Cyan (6%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (65%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 95.297, 324.581 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, 95.297, 324.581 by changing the saturation by 10% instead.


 64, 95.297,
324.581


 64, 95.297,
324.581


 100, 95.297,
324.581


 54, 95.297,
324.581


 84, 95.297,
324.581

 44, 95.297,
324.581

 94, 95.297,
324.581

 34, 95.297,
324.581

 24, 95.297,
324.581

 14, 95.297,
324.581

 4, 95.297, 324.581

 0, 95.297, 324.581

64, 95.297,
324.581

64, 95.297,
324.581

61, 104.891,
324.762

68, 83.140,
324.345

58, 111.654,
324.758

73, 69.339,
323.979

57, 115.330,
324.593

79, 54.442,
323.547

56, 116.313,
324.465

84, 38.968,
323.073

90, 23.308,
322.577

97, 7.729, 322.058

100, 0.012,
296.813

Harmonies

Complementary

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



64, 95.297, 324.581



90, 95.366, 137.014

Rectangle

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



64, 95.297, 324.581



64, 95.297, 14.581



64, 95.297, 144.581



64, 95.297, 194.581

Sweetspot

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



64, 95.210, 324.616



87, 31.125, 322.827



51, 85.801, 297.373



45, 21.252, 322.966



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, 95.210, 324.616



60, 107.234, 324.778



63, 74.110, 345.384



50, 8.797, 322.297



42, 93.669, 324.528



11, 43.048, 324.964

Inverse Universe

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



61, 68.975, 22.444



57, 82.485, 27.348



90, 73.234, 151.236



50, 5.285, 12.264



40, 80.203, 36.193



10, 32.634, 23.314

Previews

White Background



This preview shows how the CIELCh color 64, 95.297, 324.581 looks on a white background.

Color Contrast Check

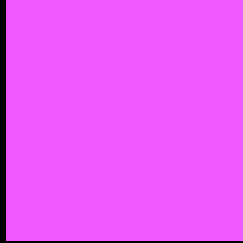
Large Text (above 18pt) WCAG AA × Fail

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, 95.297, 324.581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

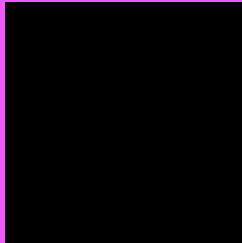
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 95.297, 324.581

Background



This preview shows how black text looks on a background with the CIELCh color 64, 95.297, 324.581.



This preview shows how white text looks on a background with the CIELCh color 64, 95.297, 324.581.

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

64, 95.297, 324.581

Protanopia

64, 57.624, 285.797

Deuteranopia

64, 50.370, 280.827



Tritanopia
64, 40.537, 17.149

Trichromacy



Original Color
64, 95.297, 324.581



Protanomaly
62, 71.001, 303.586



Deuteranomaly
62, 66.005, 302.600

Tritanomaly
63, 54.651, 345.369

Monochromacy



Original Color
64, 95.297, 324.581



Achromatopsia
63, 0.008, 296.813



Achromatomaly
62, 38.683, 323.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 95.297, 324.581 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(239, 89, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 89, 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(239, 89, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 89, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 95.297, 324.581 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(239, 89, 255) }
```

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

```
.border{ border-color:rgb(239, 89, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 89, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 89, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 89, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 89,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 95.297, 324.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 89, 255) }
```

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

```
.background{ background-color: rgb(239, 89,  
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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