

Converting Colors

CIELCh(64, 90.175, 322.888)

Have a look what the booklet for
CIELCh(64, 90.175, 322.888)
contains.

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Color

CIELCh(64, 90.393, 322.893)

Conversions

Conversions Part 1

Format	Color
Hex	E762FE
RGB	231, 98, 254
RGB Percent	91%, 38%, 100%
CMY	0.0949, 0.6164, 0.0047
CMYK	0.09, 0.61, 0.00, 0.00
HSL	291°, 99%, 69%
HSV	291°, 61%, 100%
XYZ	55.1032, 32.8017, 97.0353
YIQ	155.5510, 29.1920, 76.7120

Conversions

Conversions Part 2

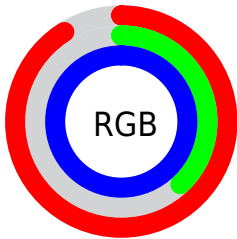
Format	Color
R _{YB}	231, 98, 254
Decimal	15164158
CIE _{Lab}	64.00, 72.09, -54.53
CIE _{LCh}	64, 90.393, 322.893
Yxy	32.8017, 0.2980, 0.1774
Android (android.graphics.Color)	4293354238 (0xFFE762FE)
YUV	155.5510, 48.5354, 66.1688
Hunter-Lab	57.2727, 71.5110, -60.3621

Details

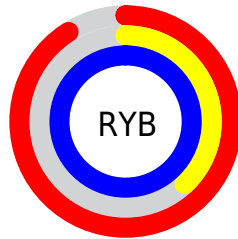
The CIELCh color **64, 90.393, 322.893** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **90, 89.569, 136.267**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 61.517, 326.536**, and **44, 90.710, 322.850** is the 20% darker color. If you saturate the color by 10%, you get **60, 101.236, 323.041**, and if you desaturate by 10%, it is **69, 77.499, 322.616**.

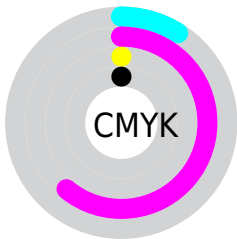
Distribution



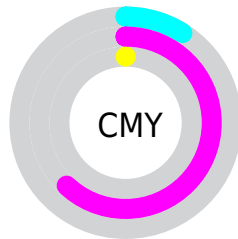
- Red (91%)
- Green (38%)
- Blue (100%)



- Red (91%)
- Yellow (38%)
- Blue (100%)



- Cyan (9%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (62%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 90.393, 322.893 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, 90.393, 322.893 by changing the saturation by 10% instead.

 64, 90.393,
322.893


 64, 90.393,
322.893


 100, 90.393,
322.893


 54, 90.393,
322.893


 84, 90.393,
322.893

 44, 90.393,
322.893

 94, 90.393,
322.893

 34, 90.393,
322.893

 24, 90.393,
322.893

 14, 90.393,
322.893

 4, 90.393, 322.893

 0, 90.393, 322.893

64, 90.393,
322.893

64, 90.393,
322.893

60, 101.236,
323.041

69, 77.499,
322.616

57, 109.386,
323.023

74, 63.239,
322.246

55, 114.435,
322.809

80, 48.197,
321.818

54, 116.573,
322.484

86, 32.820,
321.356

92, 17.421,
320.878

99, 2.208, 320.307

100, 0.591,
110.003

Harmonies

Complementary

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



64, 90.393, 322.893



90, 89.569, 136.267

Rectangle

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



64, 90.393, 322.893



64, 90.393, 12.893



64, 90.393, 142.893



64, 90.393, 192.893

Sweetspot

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



64, 90.391, 322.893



88, 27.586, 321.192



56, 75.504, 294.309



45, 19.197, 321.330



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, 90.391, 322.893



59, 103.967, 323.054



65, 72.914, 342.023



50, 8.663, 320.783



41, 94.196, 322.577



10, 43.245, 323.231

Inverse Universe

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



63, 63.927, 17.387



58, 76.735, 21.830



90, 72.586, 149.747



50, 5.343, 8.131



40, 77.609, 33.241



10, 32.295, 21.126

Previews

White Background



This preview shows how the CIELCh color 64, 90.393, 322.893 looks on a white background.

Color Contrast Check

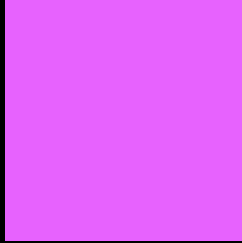
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 64, 90.393, 322.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

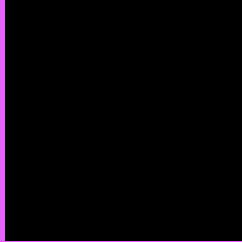
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 90.393, 322.893

Background



This preview shows how black text looks on a background with the CIELCh color 64, 90.393, 322.893.



This preview shows how white text looks on a background with the CIELCh color 64, 90.393, 322.893.

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, 90.393, 322.893

Protanopia

64, 57.624, 285.797

Deuteranopia

64, 50.370, 280.827



Tritanopia
64, 35.417, 14.548

Trichromacy



Original Color
64, 90.393, 322.893



Protanomaly
62, 69.126, 302.224



Deuteranomaly
62, 64.115, 301.091

Tritanomaly
63, 50.249, 342.226

Monochromacy



Original Color
64, 90.393, 322.893



Achromatopsia
64, 0.008, 296.813



Achromatomaly
62, 36.360, 321.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 90.393, 322.893 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(231, 98, 254)` looks like.

```
.text, #text, p{  
    color:rgb(231, 98, 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(231, 98, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 98, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 90.393, 322.893 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(231, 98, 254) }
```

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

```
.border{ border-color:rgb(231, 98, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 98, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 98, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 98, 254);  
box-shadow:4px 4px 4px 4px rgb(231, 98,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 90.393, 322.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 98, 254) }
```

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

```
.background{ background-color: rgb(231, 98,  
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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