

Converting Colors

CIELCh(64, 93.211, 323.108)

Have a look what the booklet for
CIELCh(64, 93.211, 323.108)
contains.

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Color

CIELCh(64, 92.794, 323.268)

Conversions

Conversions Part 1

Format	Color
Hex	EA5FFF
RGB	234, 95, 255
RGB Percent	92%, 37%, 100%
CMY	0.0838, 0.6290, 0.0000
CMYK	0.08, 0.63, 0.00, 0.00
HSL	292°, 100%, 69%
HSV	292°, 63%, 100%
XYZ	56.0121, 32.8017, 98.4991
YIQ	154.8010, 31.4840, 79.2280

Conversions

Conversions Part 2

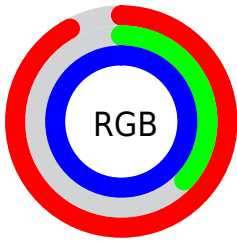
Format	Color
R _Y B	234, 95, 255
Decimal	15359999
CIE Lab	64.00, 74.37, -55.50
CIE LCh	64, 92.794, 323.268
Yxy	32.8017, 0.2990, 0.1751
Android (android.graphics.Color)	4293550079 (0xFFEA5FFF)
YUV	154.8010, 49.3981, 69.4575
Hunter-Lab	57.2727, 74.3436, -61.8775

Details

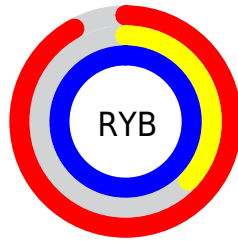
The CIELCh color **64, 92.794, 323.268** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **90, 91.983, 136.451**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 63.286, 326.594**, and **44, 92.079, 323.583** is the 20% darker color. If you saturate the color by 10%, you get **60, 102.986, 323.507**, and if you desaturate by 10%, it is **69, 79.904, 323.100**.

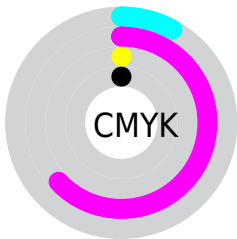
Distribution



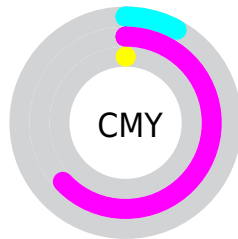
- Red (92%)
- Green (37%)
- Blue (100%)



- Red (92%)
- Yellow (37%)
- Blue (100%)



- Cyan (8%)
- Magenta (63%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (63%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 92.794, 323.268 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, 92.794, 323.268 by changing the saturation by 10% instead.

 64, 92.794,
323.268

 64, 92.794,
323.268

 100, 92.794,
323.268

 54, 92.794,
323.268

 84, 92.794,
323.268

 44, 92.794,
323.268

 94, 92.794,
323.268

 34, 92.794,
323.268

 24, 92.794,
323.268

 14, 92.794,
323.268

 4, 92.794, 323.268

 0, 92.794, 323.268

64, 92.794,
323.268

64, 92.794,
323.268

60, 102.986,
323.507

69, 79.904,
323.100

57, 110.636,
323.480

74, 65.770,
322.737

55, 115.162,
323.265

79, 50.743,
322.310

55, 116.786,
323.013

85, 35.299,
321.846

92, 19.779,
321.365

98, 4.411, 320.842

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, 92.794, 323.268



90, 91.983, 136.451

Rectangle

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



64, 92.794, 323.268



64, 92.794, 13.268



64, 92.794, 143.268



64, 92.794, 193.268

Sweetspot

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



64, 92.537, 323.369



88, 29.247, 321.660



54, 79.410, 295.436



45, 20.153, 321.797



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, 92.537, 323.369



60, 104.845, 323.516



64, 73.735, 343.136



50, 8.698, 321.198



41, 94.040, 323.099



10, 43.187, 323.696

Inverse Universe

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



62, 65.904, 18.914



58, 78.128, 23.310



90, 73.281, 150.187



50, 5.324, 9.242



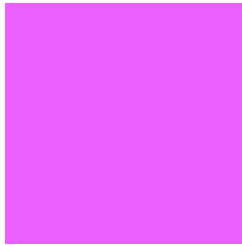
40, 78.331, 34.113



10, 32.383, 21.724

Previews

White Background



This preview shows how the CIELCh color 64, 92.794, 323.268 looks on a white background.

Color Contrast Check

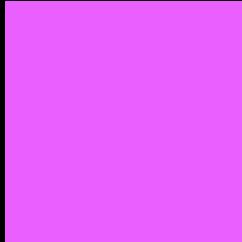
Large Text (above 18pt) WCAG AA × Fail

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, 92.794, 323.268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

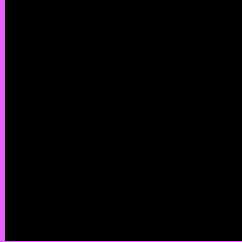
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 92.794, 323.268

Background



This preview shows how black text looks on a background with the CIELCh color 64, 92.794, 323.268.

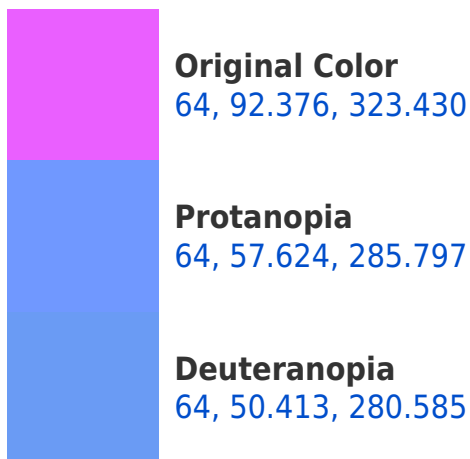


This preview shows how white text looks on a background with the CIELCh color 64, 92.794, 323.268.

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, 36.710, 15.886

Trichromacy



Original Color
64, 92.376, 323.430



Protanomaly
62, 69.751, 302.686



Deuteranomaly
62, 64.732, 301.355



Tritanomaly
63, 52.101, 342.935

Monochromacy



Original Color
64, 92.376, 323.430



Achromatopsia
64, 0.008, 296.813



Achromatomaly
62, 37.678, 322.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 92.794, 323.268 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(234, 95, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 95, 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(234, 95, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 95, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 92.794, 323.268 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(234, 95, 255) }
```

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

```
.border{ border-color:rgb(234, 95, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 95, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 95, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 95, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 95,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 92.794, 323.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 95, 255) }
```

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

```
.background{ background-color: rgb(234, 95,  
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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