

Converting Colors

CIELCh(63, 89.983, 321.245)

Have a look what the booklet for
CIELCh(63, 89.983, 321.245)
contains.

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Color

CIELCh(63, 90.025, 321.288)

Conversions

Conversions Part 1

Format	Color
Hex	DF62FE
RGB	223, 98, 254
RGB Percent	87%, 38%, 100%
CMY	0.1254, 0.6156, 0.0038
CMYK	0.12, 0.61, 0.00, 0.00
HSL	288°, 99%, 69%
HSV	288°, 61%, 100%
XYZ	52.6993, 31.5869, 97.1010
YIQ	153.1590, 24.4240, 75.0160

Conversions

Conversions Part 2

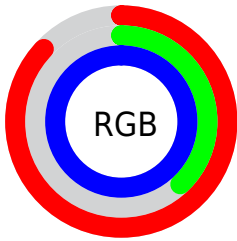
Format	Color
R _Y B	223, 98, 254
Decimal	14639870
CIE Lab	63.00, 70.25, -56.30
CIE LCh	63, 90.025, 321.288
Yxy	31.5869, 0.2905, 0.1741
Android (android.graphics.Color)	4292829950 (0xFFDF62FE)
YUV	153.1590, 49.7146, 61.2506
Hunter-Lab	56.2022, 69.0205, -63.0942

Details

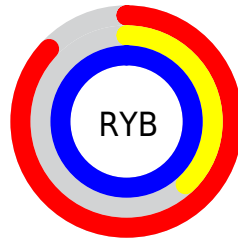
The CIELCh color **63, 90.025, 321.288** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **90, 88.328, 135.140**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 62.108, 326.555**, and **43, 90.385, 321.184** is the 20% darker color. If you saturate the color by 10%, you get **59, 101.180, 321.408**, and if you desaturate by 10%, it is **68, 76.932, 321.027**.

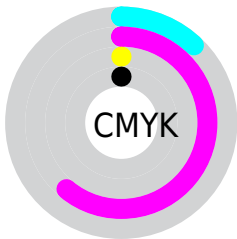
Distribution



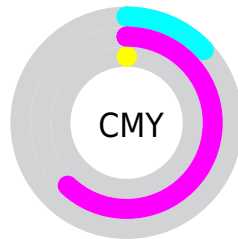
- Red (87%)
- Green (38%)
- Blue (100%)



- Red (87%)
- Yellow (38%)
- Blue (100%)



- Cyan (12%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 90.025, 321.288 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 63, 90.025, 321.288 by changing the saturation by 10% instead.

 63, 90.025,
321.288


 63, 90.025,
321.288


 100, 90.025,
321.288


 53, 90.025,
321.288


 83, 90.025,
321.288

 43, 90.025,
321.288

 93, 90.025,
321.288

 33, 90.025,
321.288

 23, 90.025,
321.288

 13, 90.025,
321.288

 3, 90.025, 321.288

 0, 90.025, 321.288

63, 90.025,
321.288

63, 90.025,
321.288

59, 101.180,
321.408

68, 76.932,
321.027

55, 109.700,
321.339

74, 62.597,
320.670

53, 115.096,
321.041

79, 47.591,
320.253

52, 117.470,
320.613

86, 32.332,
319.805

92, 17.109,
319.345

99, 2.103, 318.794

100, 0.486,
109.982

Harmonies

Complementary

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



63, 90.025, 321.288



90, 88.328, 135.140

Rectangle

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



63, 90.025, 321.288



63, 90.025, 11.288



63, 90.025, 141.288



63, 90.025, 191.288

Sweetspot

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



63, 90.023, 321.288



88, 27.210, 319.649



58, 70.738, 291.870



45, 18.942, 319.783



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 90.023, 321.288



58, 103.981, 321.410



65, 75.213, 339.405



50, 8.537, 319.256



39, 94.845, 320.733



10, 43.487, 321.583

Inverse Universe

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



63, 63.389, 13.425



58, 75.429, 17.837



90, 75.576, 147.833



50, 5.427, 4.182



40, 75.009, 29.693



10, 31.992, 18.799

Previews

White Background



This preview shows how the CIELCh color 63, 90.025, 321.288 looks on a white background.

Color Contrast Check

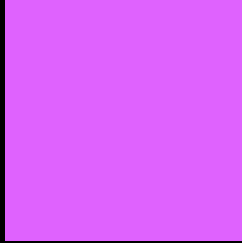
Large Text (above 18pt) WCAG AA × Fail

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 63, 90.025, 321.288 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 63, 90.025, 321.288

Background



This preview shows how black text looks on a background with the CIELCh color 63, 90.025, 321.288.



This preview shows how white text looks on a background with the CIELCh color 63, 90.025, 321.288.

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
63, 90.025, 321.288

Protanopia
63, 59.460, 286.091

Deuteranopia
63, 51.722, 280.310



Tritanopia
63, 31.309, 13.837

Trichromacy



Original Color
63, 90.025, 321.288



Protanomaly
61, 70.312, 301.358



Deuteranomaly
61, 64.681, 299.643



Tritanomaly
62, 47.778, 339.545

Monochromacy



Original Color
63, 90.025, 321.288



Achromatopsia
63, 0.008, 296.813



Achromatomaly
62, 35.798, 319.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 90.025, 321.288 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(223, 98, 254)` looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 98, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 98, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 90.025, 321.288 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(223, 98, 254) }
```

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

```
.border{ border-color:rgb(223, 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(223, 98, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 98, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 98, 254);  
box-shadow:4px 4px 4px 4px rgb(223, 98,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 90.025, 321.288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 98, 254) }
```

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

```
.background{ background-color: rgb(223, 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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