

Converting Colors

CIELCh(57, 112.021, 323.891)

Have a look what the booklet for
CIELCh(57, 112.021, 323.891)
contains.

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Color

CIELCh(57, 111.857, 323.918)

Conversions

Conversions Part 1

Format	Color
Hex	E424FE
RGB	228, 36, 254
RGB Percent	89%, 14%, 100%
CMY	0.1057, 0.8585, 0.0038
CMYK	0.10, 0.86, 0.00, 0.00
HSL	293°, 99%, 57%
HSV	293°, 86%, 100%
XYZ	50.5325, 24.9227, 95.9410
YIQ	118.2600, 44.4540, 108.5020

Conversions

Conversions Part 2

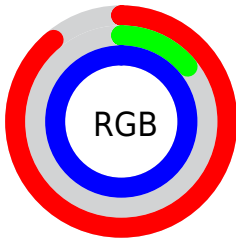
Format	Color
R _Y B	228, 36, 254
Decimal	14951678
CIE Lab	57.00, 90.40, -65.88
CIE LCh	57, 111.857, 323.918
Yxy	24.9227, 0.2948, 0.1454
Android (android.graphics.Color)	4293141758 (0xFFE424FE)
YUV	118.2600, 66.9198, 96.2420
Hunter-Lab	49.9226, 93.3162, -78.9974

Details

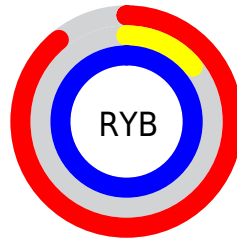
The CIELCh color **57, 111.857, 323.918** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **88, 113.165, 135.480**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 86.147, 327.332**, and **42, 95.945, 322.549** is the 20% darker color. If you saturate the color by 10%, you get **55, 115.408, 323.681**, and if you desaturate by 10%, it is **59, 105.203, 323.975**.

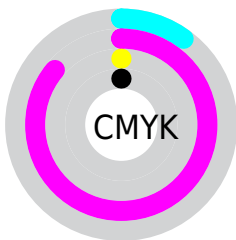
Distribution



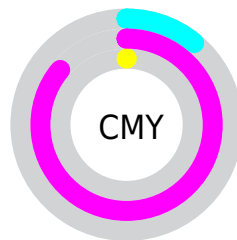
- Red (89%)
- Green (14%)
- Blue (100%)



- Red (89%)
- Yellow (14%)
- Blue (100%)



- Cyan (10%)
- Magenta (86%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (86%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 111.857, 323.918 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 57, 111.857, 323.918 by changing the saturation by 10% instead.


 57, 111.857,
323.918


 57, 111.857,
323.918


 100, 111.857,
323.918


 47, 111.857,
323.918


 77, 111.857,
323.918


 37, 111.857,
323.918


 87, 111.857,
323.918

 27, 111.857,
323.918

 97, 111.857,
323.918

 17, 111.857,
323.918

 7, 111.857,
323.918

 0, 111.857,
323.918

■ 57, 111.857,
323.918

■ 57, 111.857,
323.918

■ 55, 115.408,
323.681

■ 59, 105.203,
323.975

■ 55, 116.265,
323.544

■ 63, 95.621,
323.868

■ 67, 83.647,
323.624

■ 72, 69.951,
323.278

■ 78, 55.170,
322.861

■ 83, 39.825,
322.400

■ 90, 24.299,
321.917

■ 96, 8.857, 321.414

100, 0.479,
109.980

Harmonies

Complementary

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



57, 111.857, 323.918



88, 113.165, 135.480

Rectangle

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



57, 111.857, 323.918



57, 111.857, 13.918



57, 111.857, 143.918



57, 111.857, 193.918

Sweetspot

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



57, 111.855, 323.918



84, 40.259, 322.410



40, 110.688, 301.612



42, 27.293, 322.573



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 111.855, 323.918



55, 116.601, 323.543



57, 86.906, 347.102



50, 8.734, 321.605



41, 93.895, 323.621



11, 43.132, 324.160

Inverse Universe

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



55, 88.216, 29.154



53, 99.059, 35.750



88, 92.543, 145.929



50, 5.308, 10.348



40, 79.036, 34.924



10, 32.472, 22.311

Previews

White Background



This preview shows how the CIELCh color 57, 111.857, 323.918 looks on a white background.

Color Contrast Check

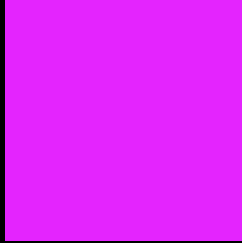
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 111.857, 323.918 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 × Fail

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

CIELCh 57, 111.857, 323.918

Background



This preview shows how black text looks on a background with the CIELCh color 57, 111.857, 323.918.

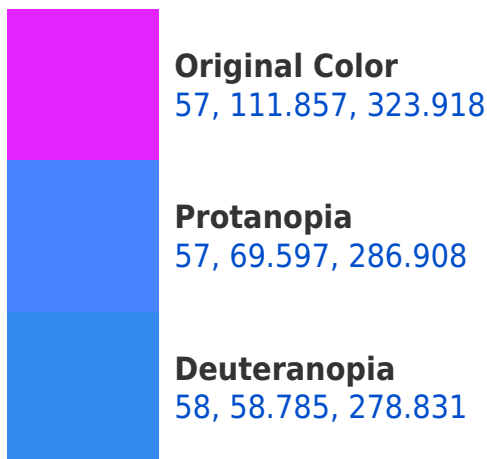


This preview shows how white text looks on a background with the CIELCh color 57, 111.857,

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
57, 45.237, 20.440

Trichromacy



Original Color
57, 111.857, 323.918



Protanomaly
52, 89.819, 303.934



Deuteranomaly
52, 82.317, 301.295



Tritanomaly
55, 64.445, 344.564

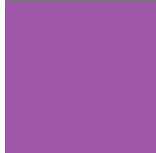
Monochromacy



Original Color
57, 111.857, 323.918



Achromatopsia
50, 0.007, 296.813



Achromatomaly
48, 51.409, 323.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 111.857, 323.918 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(228, 36, 254)` looks like.

```
.text, #text, p{  
    color:rgb(228, 36, 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(228, 36, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 36, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 111.857, 323.918 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(228, 36, 254) }
```

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

```
.border{ border-color:rgb(228, 36, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 36, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 36, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 36, 254);  
box-shadow:4px 4px 4px 4px rgb(228, 36,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 111.857, 323.918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 36, 254) }
```

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

```
.background{ background-color: rgb(228, 36,  
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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