

Converting Colors

CIELCh(57, 104.715, 324.064)

Have a look what the booklet for
CIELCh(57, 104.715, 324.064)
contains.

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Color

CIELCh(57, 104.594, 323.981)

Conversions

Conversions Part 1

Format	Color
Hex	DF35F6
RGB	223, 53, 246
RGB Percent	87%, 21%, 96%
CMY	0.1251, 0.7916, 0.0349
CMYK	0.09, 0.78, 0.00, 0.03
HSL	293°, 92%, 59%
HSV	293°, 78%, 97%
XYZ	48.3920, 24.9227, 89.5288
YIQ	125.8320, 39.3670, 96.0630

Conversions

Conversions Part 2

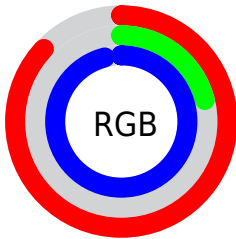
Format	Color
R _Y B	223, 53, 246
Decimal	14628342
CIE Lab	57.00, 84.60, -61.51
CIE LCh	57, 104.594, 323.981
Yxy	24.9227, 0.2972, 0.1530
Android (android.graphics.Color)	4292818422 (0xFFDF35F6)
YUV	125.8320, 59.2428, 85.2163
Hunter-Lab	49.9226, 85.6626, -71.3820

Details

The CIELCh color **57, 104.594, 323.981** 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 **86, 105.234, 135.729**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 82.129, 327.205**, and **40, 93.259, 322.945** is the 20% darker color. If you saturate the color by 10%, you get **55, 110.326, 323.880**, and if you desaturate by 10%, it is **60, 95.924, 323.912**.

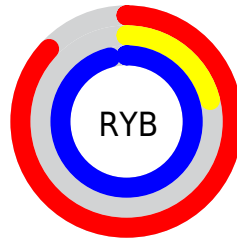
Distribution



Red (87%)

Green (21%)

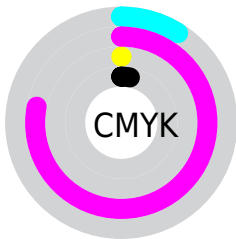
Blue (96%)



Red (87%)

Yellow (21%)

Blue (96%)

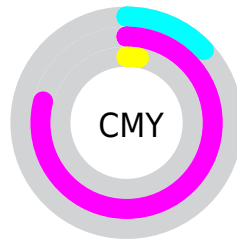


Cyan (9%)

Magenta (78%)

Yellow (0%)

Black (3%)



Cyan (13%)


Magenta (79%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 104.594, 323.981 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, 104.594, 323.981 by changing the saturation by 10% instead.


 57, 104.594,
323.981


 57, 104.594,
323.981


 100, 104.594,
323.981


 47, 104.594,
323.981


 77, 104.594,
323.981


 37, 104.594,
323.981


 87, 104.594,
323.981

 27, 104.594,
323.981

 97, 104.594,
323.981

 17, 104.594,
323.981

 7, 104.594,
323.981

 0, 104.594,
323.981

57, 104.594,
323.981

57, 104.594,
323.981

55, 110.326,
323.880

60, 95.924,
323.912

54, 113.169,
323.606

64, 84.777,
323.699

53, 113.500,
323.556

69, 71.790,
323.376

74, 57.599,
322.975

80, 42.743,
322.524

85, 27.627,
322.046

92, 12.537,
321.552

98, 2.342, 141.212

Harmonies

Complementary

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



57, 104.594, 323.981



86, 105.234, 135.729

Rectangle

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



57, 104.594, 323.981



57, 104.594, 13.981



57, 104.594, 143.981



57, 104.594, 193.981

Sweetspot

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



57, 104.592, 323.981



85, 37.151, 322.318



43, 98.321, 299.623



43, 25.534, 322.487



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, 104.592, 323.981



56, 115.322, 323.740



57, 82.083, 345.589



48, 8.447, 321.606



40, 92.020, 323.633



9, 40.848, 324.225

Inverse Universe

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



55, 79.561, 25.733



54, 94.977, 33.110



86, 84.763, 147.438



48, 5.133, 10.352



39, 77.386, 34.838



8, 30.343, 20.169

Previews

White Background



This preview shows how the CIELCh color 57, 104.594, 323.981 looks on a white background.

Color Contrast Check

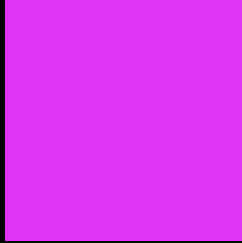
Large Text (above 18pt) WCAG AA ✓ Pass

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, 104.594, 323.981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

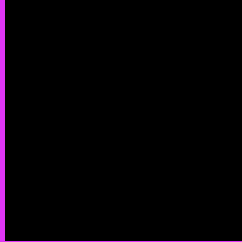
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 104.594, 323.981

Background



This preview shows how black text looks on a background with the CIELCh color 57, 104.594, 323.981.

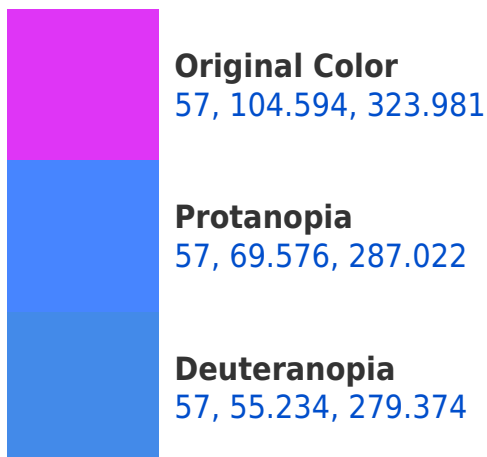


This preview shows how white text looks on a background with the CIELCh color 57, 104.594, 323.981.

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, 42.609, 19.712

Trichromacy



Original Color
57, 104.594, 323.981



Protanomaly
53, 84.676, 302.688



Deuteranomaly
53, 75.376, 301.644



Tritanomaly
55, 59.058, 344.849

Monochromacy



Original Color
57, 104.594, 323.981



Achromatopsia
53, 0.007, 296.813



Achromatomaly
51, 45.566, 322.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 104.594, 323.981 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, 53, 246)` looks like.

```
.text, #text, p{  
    color:rgb(223, 53, 246)  
}
```

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, 53, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 53, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 104.594, 323.981 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, 53, 246) }
```

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

```
.border{ border-color:rgb(223, 53, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 53, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 53, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 53, 246);  
box-shadow:4px 4px 4px 4px rgb(223, 53,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 104.594, 323.981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 53, 246) }
```

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

```
.background{ background-color: rgb(223, 53,  
246) }
```

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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