

Converting Colors

CIELCh(57, 110.517, 328.531)

Have a look what the booklet for
CIELCh(57, 110.517, 328.531)
contains.

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Color

CIELCh(57, 110.366, 328.400)

Conversions

Conversions Part 1

Format	Color
Hex	F100F0
RGB	241, 0, 240
RGB Percent	95%, 0%, 94%
CMY	0.0557, 1.0000, 0.0596
CMYK	0.00, 1.00, 0.00, 0.06
HSL	300°, 100%, 47%
HSV	300°, 100%, 94%
XYZ	51.8925, 24.9227, 84.3612
YIQ	99.4190, 66.5960, 125.7320

Conversions

Conversions Part 2

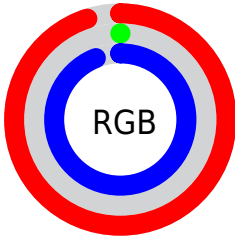
Format	Color
R_{YB}	241, 0, 240
Decimal	15794416
CIE _{Lab}	57.00, 94.00, -57.83
CIE _{LCh}	57, 110.366, 328.400
Yxy	24.9227, 0.3220, 0.1546
Android (android.graphics.Color)	4293984496 (0xFFFF100F0)
YUV	99.4190, 69.3064, 124.1665
Hunter-Lab	49.9226, 98.1789, -65.2448

Details

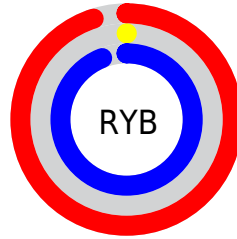
The CIELCh color **57, 110.366, 328.400** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **83, 114.623, 136.040**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 90.426, 327.467**, and **43, 90.140, 327.586** is the 20% darker color. If you saturate the color by 10%, you get **57, 110.298, 328.398**, and if you desaturate by 10%, it is **58, 108.203, 328.318**.

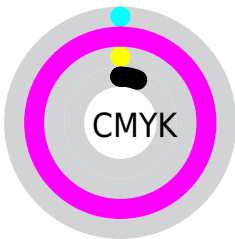
Distribution



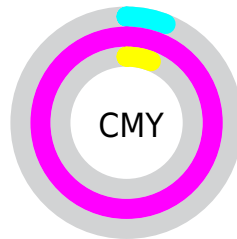
- Red (95%)
- Green (0%)
- Blue (94%)



- Red (95%)
- Yellow (0%)
- Blue (94%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)




- Cyan (6%)
- Magenta (100%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 110.366, 328.400 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, 110.366, 328.400 by changing the saturation by 10% instead.


 57, 110.366,
328.400


 57, 110.366,
328.400

 100, 110.366,
328.400


 47, 110.366,
328.400


 77, 110.366,
328.400


 37, 110.366,
328.400


 87, 110.366,
328.400

 27, 110.366,
328.400

 97, 110.366,
328.400

 17, 110.366,
328.400

 7, 110.366,
328.400

 0, 110.366,
328.400

■ 57, 110.366,
328.400

■ 57, 110.366,
328.400

■ 57, 110.298,
328.398

■ 58, 108.203,
328.318

■ 59, 103.632,
328.163

■ 61, 96.200,
327.917

■ 64, 86.143,
327.584

■ 68, 73.964,
327.174

■ 73, 60.258,
326.703

■ 78, 45.595,
326.188

■ 83, 30.446,

325.645

■ 89, 15.168,
325.083

Harmonies

Complementary

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



57, 110.366, 328.400



83, 114.623, 136.040

Rectangle

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



57, 110.366, 328.400



57, 110.366, 18.400



57, 110.366, 148.400



57, 110.366, 198.400

Sweetspot

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



57, 110.298, 328.398



82, 47.762, 326.193



30, 128.131, 306.287



41, 32.495, 326.415



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, 110.298, 328.398



60, 115.191, 328.399



52, 81.049, 2.794



47, 8.584, 325.053



44, 90.009, 328.395



10, 39.310, 328.373

Inverse Universe

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



57, 110.298, 328.398



60, 115.191, 328.399



84, 85.998, 148.729



47, 8.584, 325.053



44, 90.009, 328.395



10, 39.310, 328.373

Previews

White Background



This preview shows how the CIE LCh color 57, 110.366, 328.400 looks on a white background.

Color Contrast Check

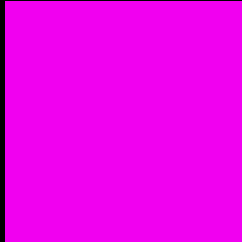
Large Text (above 18pt) WCAG AA ✓ Pass

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, 110.366, 328.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

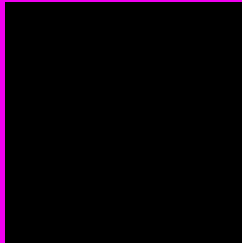
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 110.366, 328.400

Background



This preview shows how black text looks on a background with the CIELCh color 57, 110.366, 328.400.



This preview shows how white text looks on a background with the CIELCh color 57, 110.366, 328.400.

328.400.

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

57, 110.366, 328.400

Protanopia

58, 68.948, 286.874

Deuteranopia

58, 49.924, 279.374



Tritanopia
57, 56.778, 23.954

Trichromacy



Original Color
57, 110.366, 328.400



Protanomaly
50, 94.040, 307.077



Deuteranomaly
50, 82.501, 308.448



Tritanomaly
55, 72.076, 351.457

Monochromacy



Original Color
57, 110.366, 328.400



Achromatopsia
42, 0.006, 296.813



Achromatomaly
42, 57.655, 327.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 110.366, 328.400 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(241, 0, 240)` looks like.

```
.text, #text, p{  
    color:rgb(241, 0, 240)  
}
```

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(241, 0, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 0, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 110.366, 328.400 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(241, 0, 240) }
```

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

```
.border{ border-color:rgb(241, 0, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 0, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 0, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 0, 240);  
box-shadow:4px 4px 4px 4px rgb(241, 0,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 110.366, 328.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 0, 240) }
```

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

```
.background{ background-color: rgb(241, 0,  
240) }
```

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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