

Converting Colors

CIELCh(57, 114.060, 326.535)

Have a look what the booklet for
CIELCh(57, 114.060, 326.535)
contains.

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Color

CIELCh(57, 113.762, 326.466)

Conversions

Conversions Part 1

Format	Color
Hex	EE00F9
RGB	238, 0, 249
RGB Percent	93%, 0%, 98%
CMY	0.0678, 1.0000, 0.0246
CMYK	0.04, 1.00, 0.00, 0.02
HSL	297°, 100%, 49%
HSV	297°, 100%, 98%
XYZ	52.2077, 24.9227, 91.4618
YIQ	99.5480, 61.9190, 127.8950

Conversions

Conversions Part 2

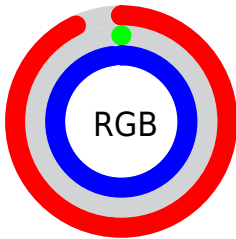
Format	Color
R _Y B	238, 0, 249
Decimal	15597817
CIE Lab	57.00, 94.83, -62.85
CIE LCh	57, 113.762, 326.466
Yxy	24.9227, 0.3097, 0.1478
Android (android.graphics.Color)	4293787897 (0xFFEE00F9)
YUV	99.5480, 73.6798, 121.4224
Hunter-Lab	49.9226, 99.3057, -73.6777

Details

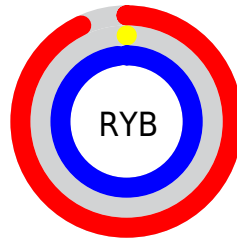
The CIELCh color **57, 113.762, 326.466** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **86, 117.335, 135.889**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 90.426, 327.467**, and **43, 93.801, 325.180** is the 20% darker color. If you saturate the color by 10%, you get **57, 113.669, 326.462**, and if you desaturate by 10%, it is **58, 111.410, 326.539**.

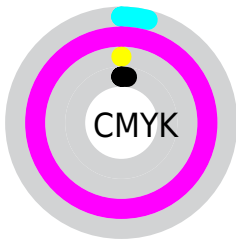
Distribution



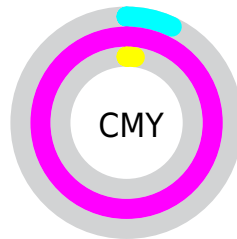
- Red (93%)
- Green (0%)
- Blue (98%)



- Red (93%)
- Yellow (0%)
- Blue (98%)



- Cyan (4%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)




- Cyan (7%)
- Magenta (100%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 113.762, 326.466 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, 113.762, 326.466 by changing the saturation by 10% instead.

 57, 113.762,
326.466


 57, 113.762,
326.466

 100, 113.762,
326.466


 47, 113.762,
326.466

 77, 113.762,
326.466

 37, 113.762,
326.466


 87, 113.762,
326.466

 27, 113.762,
326.466

 97, 113.762,
326.466

 17, 113.762,
326.466

 7, 113.762,
326.466

 0, 113.762,
326.466

■ 57, 113.762,
326.466

■ 57, 113.762,
326.466

■ 57, 113.669,
326.462

■ 58, 111.410,
326.539

■ 60, 106.531,
326.507

■ 62, 98.681,
326.352

■ 66, 88.161,
326.084

■ 70, 75.528,
325.722

■ 75, 61.413,
325.288

■ 80, 46.396,
324.805

■ 86, 30.945,

324.291

92, 15.404,
323.759

Harmonies

Complementary

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



57, 113.762, 326.466



86, 117.335, 135.889

Rectangle

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



57, 113.762, 326.466



57, 113.762, 16.466



57, 113.762, 146.466



57, 113.762, 196.466

Sweetspot

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



57, 113.669, 326.462



82, 47.341, 324.807



32, 129.325, 305.867



41, 32.229, 325.016



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, 113.669, 326.462



58, 115.834, 326.460



54, 83.943, 358.098



49, 8.787, 323.731



43, 92.365, 326.491



11, 41.775, 326.709

Inverse Universe

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



52, 100.919, 38.767



53, 102.889, 38.802



86, 92.729, 146.319



49, 5.170, 16.359



39, 81.493, 38.285



9, 31.877, 24.365

Previews

White Background



This preview shows how the CIELCh color 57, 113.762, 326.466 looks on a white background.

Color Contrast Check

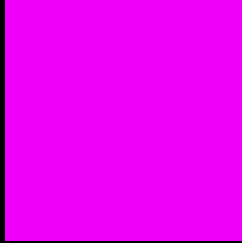
Large Text (above 18pt) WCAG AA ✓ Pass

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, 113.762, 326.466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

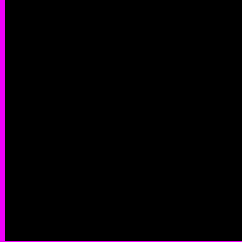
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 113.762, 326.466

Background



This preview shows how black text looks on a background with the CIELCh color 57, 113.762, 326.466.



This preview shows how white text looks on a background with the CIELCh color 57, 113.762, 326.466.

326.466.

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, 113.762, 326.466

Protanopia

58, 68.948, 286.874

Deuteranopia

58, 55.150, 279.419



Tritanopia
57, 52.804, 22.975

Trichromacy



Original Color
57, 113.762, 326.466



Protanomaly
50, 96.096, 306.819



Deuteranomaly
49, 87.284, 306.316



Tritanomaly
54, 71.807, 348.183

Monochromacy



Original Color
57, 113.762, 326.466



Achromatopsia
42, 0.006, 296.813



Achromatomaly
42, 58.785, 325.976

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 113.762, 326.466 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(238, 0, 249)` looks like.

```
.text, #text, p{  
    color:rgb(238, 0, 249)  
}
```

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(238, 0, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 0, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 113.762, 326.466 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(238, 0, 249) }
```

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

```
.border{ border-color:rgb(238, 0, 249) }
```

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

Here you see how a box with a 4 pixel rgb(238, 0, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 0, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 0, 249);  
box-shadow:4px 4px 4px 4px rgb(238, 0,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 113.762, 326.466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 0, 249) }
```

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

```
.background{ background-color: rgb(238, 0,  
249) }
```

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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