

Converting Colors

CIELCh(57, 116.190, 324.906)

Have a look what the booklet for
CIELCh(57, 116.190, 324.906)
contains.

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Color

CIELCh(57, 115.889, 324.947)

Conversions

Conversions Part 1

Format	Color
Hex	EA06FF
RGB	234, 6, 255
RGB Percent	92%, 2%, 100%
CMY	0.0809, 0.9774, 0.0000
CMYK	0.08, 0.98, 0.00, 0.00
HSL	295°, 100%, 51%
HSV	295°, 98%, 100%
XYZ	52.2237, 24.9227, 96.9679
YIQ	102.5580, 55.9590, 125.7750

Conversions

Conversions Part 2

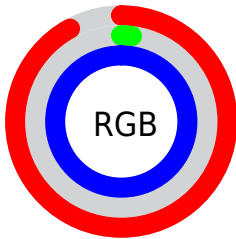
Format	Color
R_{YB}	234, 6, 255
Decimal	15337215
CIE _{Lab}	57.00, 94.87, -66.56
CIE _{LCh}	57, 115.889, 324.947
Yxy	24.9227, 0.2999, 0.1431
Android (android.graphics.Color)	4293527295 (0xFFEA06FF)
YUV	102.5580, 75.1539, 115.2746
Hunter-Lab	49.9226, 99.3630, -80.2169

Details

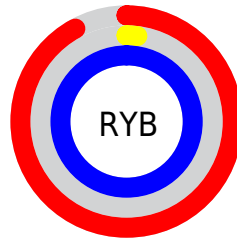
The CIELCh color **57, 115.889, 324.947** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **88, 118.802, 135.761**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.964, 327.453**, and **43, 96.022, 323.517** is the 20% darker color. If you saturate the color by 10%, you get **57, 116.179, 324.948**, and if you desaturate by 10%, it is **58, 112.890, 325.170**.

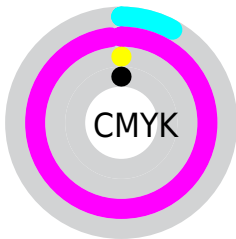
Distribution



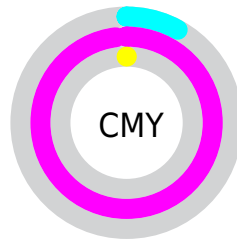
- Red (92%)
- Green (2%)
- Blue (100%)



- Red (92%)
- Yellow (2%)
- Blue (100%)



- Cyan (8%)
- Magenta (98%)
- Yellow (0%)
- Black (0%)





- Cyan (8%)
- Magenta (98%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 115.889, 324.947 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, 115.889, 324.947 by changing the saturation by 10% instead.


 57, 115.889,
324.947


 57, 115.889,
324.947


 100, 115.889,
324.947


 47, 115.889,
324.947


 77, 115.889,
324.947


 37, 115.889,
324.947


 87, 115.889,
324.947

 27, 115.889,
324.947

 97, 115.889,
324.947

 17, 115.889,
324.947

 7, 115.889,
324.947

 0, 115.889,
324.947

■ 57, 115.889,
324.947

■ 57, 115.889,
324.947

■ 57, 116.179,
324.948

■ 58, 112.890,
325.170

■ 60, 107.046,
325.192

■ 63, 98.194,
325.069

■ 67, 86.770,
324.818

■ 72, 73.406,
324.467

■ 77, 58.752,
324.043

■ 83, 43.369,
323.573

■ 89, 27.687,

323.075

■ 95, 12.013,
322.560

Harmonies

Complementary

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



57, 115.889, 324.947



88, 118.802, 135.761

Rectangle

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



57, 115.889, 324.947



57, 115.889, 14.947



57, 115.889, 144.947



57, 115.889, 194.947

Sweetspot

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



57, 115.750, 324.998



82, 45.325, 323.633



34, 128.540, 305.239



41, 31.060, 323.837



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, 115.750, 324.998



57, 116.179, 324.948



56, 86.439, 354.331



50, 8.830, 322.652



43, 93.564, 325.003



11, 43.008, 325.385

Inverse Universe

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



53, 99.739, 36.723



53, 101.138, 37.469



88, 96.262, 145.345



50, 5.276, 13.262



40, 80.774, 36.784



10, 32.722, 23.829

Previews

White Background



This preview shows how the CIELCh color 57, 115.889, 324.947 looks on a white background.

Color Contrast Check

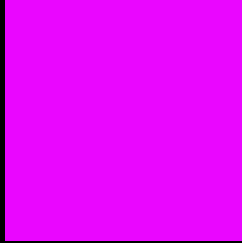
Large Text (above 18pt) WCAG AA ✓ Pass

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, 115.889, 324.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

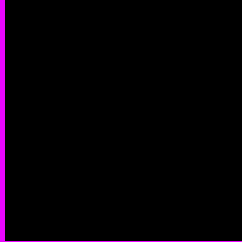
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 115.889, 324.947

Background



This preview shows how black text looks on a background with the CIELCh color 57, 115.889, 324.947.



This preview shows how white text looks on a background with the CIELCh color 57, 115.889, 324.947.

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, 115.746, 324.939

Protanopia

58, 68.991, 286.641

Deuteranopia

58, 58.733, 279.040



Tritanopia
57, 50.060, 21.724

Trichromacy



Original Color
57, 115.746, 324.939



Protanomaly
50, 96.081, 306.080



Deuteranomaly
49, 88.870, 304.024



Tritanomaly
54, 70.522, 345.877

Monochromacy



Original Color
57, 115.746, 324.939



Achromatopsia
44, 0.006, 296.813



Achromatomaly
43, 58.443, 324.890

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 115.889, 324.947 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(234, 6, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 6, 255)  
}
```

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(234, 6, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 6, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 115.889, 324.947 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(234, 6, 255) }
```

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

```
.border{ border-color:rgb(234, 6, 255) }
```

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

Here you see how a box with a 4 pixel rgb(234, 6, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 6, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 6, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 6,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 115.889, 324.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 6, 255) }
```

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

```
.background{ background-color: rgb(234, 6,  
255) }
```

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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