

Converting Colors

CIELCh(57, 116.057, 325.429)

Have a look what the booklet for
CIELCh(57, 116.057, 325.429)
contains.

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Color

CIELCh(57, 115.716, 325.413)

Conversions

Conversions Part 1

Format	Color
Hex	EC00FE
RGB	236, 0, 254
RGB Percent	93%, 0%, 100%
CMY	0.0753, 1.0000, 0.0047
CMYK	0.07, 1.00, 0.00, 0.00
HSL	296°, 100%, 50%
HSV	296°, 100%, 100%
XYZ	52.3753, 24.9227, 95.6556
YIQ	99.5200, 59.1220, 129.0260

Conversions

Conversions Part 2

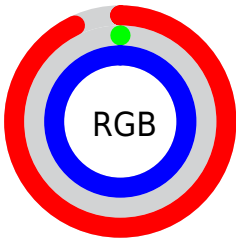
Format	Color
R_{YB}	236, 0, 254
Decimal	15466750
CIE _{Lab}	57.00, 95.26, -65.69
CIE _{LCh}	57, 115.716, 325.413
Yxy	24.9227, 0.3028, 0.1441
Android (android.graphics.Color)	4293656830 (0xFFEC00FE)
YUV	99.5200, 76.1586, 119.6930
Hunter-Lab	49.9226, 99.9049, -78.6584

Details

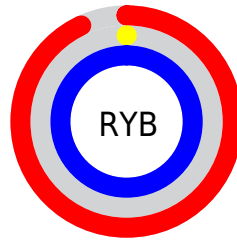
The CIELCh color **57, 115.716, 325.413** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **87, 118.995, 135.798**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 90.426, 327.467**, and **43, 95.511, 324.070** is the 20% darker color. If you saturate the color by 10%, you get **57, 115.651, 325.410**, and if you desaturate by 10%, it is **58, 113.297, 325.570**.

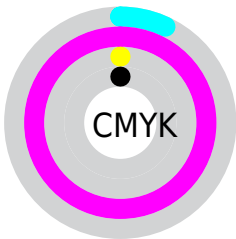
Distribution



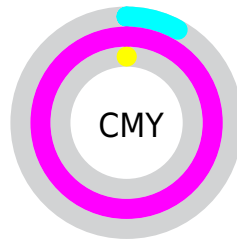
- Red (93%)
- Green (0%)
- Blue (100%)



- Red (93%)
- Yellow (0%)
- Blue (100%)



- Cyan (7%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)





- Cyan (8%)
- Magenta (100%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 115.716, 325.413 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, 115.716, 325.413 by changing the saturation by 10% instead.


 57, 115.716,
325.413


 57, 115.716,
325.413


 100, 115.716,
325.413


 47, 115.716,
325.413


 77, 115.716,
325.413


 37, 115.716,
325.413


 87, 115.716,
325.413

 27, 115.716,
325.413

 97, 115.716,
325.413

 17, 115.716,
325.413

 7, 115.716,
325.413

 0, 115.716,
325.413

■ 57, 115.716,
325.413

■ 57, 115.716,
325.413

■ 57, 115.651,
325.410

■ 58, 113.297,
325.570

■ 60, 108.229,
325.601

■ 63, 100.123,
325.490

■ 66, 89.322,
325.253

■ 71, 76.418,
324.913

■ 76, 62.062,
324.497

■ 81, 46.841,
324.029

■ 87, 31.218,

323.529

■ 93, 15.532,
323.012

Harmonies

Complementary

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



57, 115.716, 325.413



87, 118.995, 135.798

Rectangle

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



57, 115.716, 325.413



57, 115.716, 15.413



57, 115.716, 145.413



57, 115.716, 195.413

Sweetspot

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



57, 115.651, 325.410



82, 47.019, 324.029



33, 129.576, 305.496



41, 32.023, 324.231



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, 115.651, 325.410



57, 116.062, 325.409



55, 86.197, 355.068



50, 8.861, 322.986



43, 93.472, 325.457



11, 42.973, 325.786

Inverse Universe

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



53, 101.361, 37.924



53, 101.732, 37.932



88, 97.182, 144.865



50, 5.268, 14.211



40, 81.288, 37.299



10, 32.807, 24.315

Previews

White Background



This preview shows how the CIELCh color 57, 115.716, 325.413 looks on a white background.

Color Contrast Check

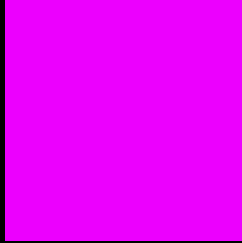
Large Text (above 18pt) WCAG AA ✓ Pass

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, 115.716, 325.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

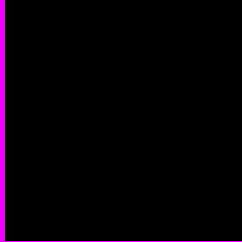
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 115.716, 325.413

Background



This preview shows how black text looks on a background with the CIELCh color 57, 115.716, 325.413.



This preview shows how white text looks on a background with the CIELCh color 57, 115.716, 325.413.

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, 115.716, 325.413

Protanopia

58, 68.970, 286.756

Deuteranopia

58, 58.082, 279.325



Tritanopia
57, 50.601, 22.435

Trichromacy



Original Color
57, 115.716, 325.413



Protanomaly
50, 97.136, 306.630



Deuteranomaly
49, 90.018, 305.124



Tritanomaly
54, 71.213, 346.376

Monochromacy



Original Color
57, 115.716, 325.413



Achromatopsia
42, 0.006, 296.813



Achromatomaly
42, 59.682, 325.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 115.716, 325.413 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(236, 0, 254)` looks like.

```
.text, #text, p{  
    color:rgb(236, 0, 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(236, 0, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 0, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 115.716, 325.413 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(236, 0, 254) }
```

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

```
.border{ border-color:rgb(236, 0, 254) }
```

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

Here you see how a box with a 4 pixel rgb(236, 0, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 0, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 0, 254);  
box-shadow:4px 4px 4px 4px rgb(236, 0,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 115.716, 325.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 0, 254) }
```

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

```
.background{ background-color: rgb(236, 0,  
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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