

Converting Colors

CIELCh(57, 91.233, 328.485)

Have a look what the booklet for
CIELCh(57, 91.233, 328.485)
contains.

CIELCh(57, 91.547, 328.430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 91.547, 328.430)

Conversions

Conversions Part 1

Format	Color
Hex	E140DE
RGB	225, 64, 222
RGB Percent	88%, 25%, 87%
CMY	0.1179, 0.7493, 0.1297
CMYK	0.00, 0.72, 0.01, 0.12
HSL	301°, 73%, 57%
HSV	301°, 72%, 88%
XYZ	46.0316, 24.9227, 71.4412
YIQ	130.1510, 45.2380, 83.2700

Conversions

Conversions Part 2

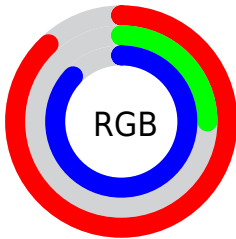
Format	Color
R _{YB}	225, 64, 222
Decimal	14762206
CIE _{Lab}	57.00, 78.00, -47.93
CIE _{LCh}	57, 91.547, 328.430
Yxy	24.9227, 0.3233, 0.1750
Android (android.graphics.Color)	4292952286 (0xFFE140DE)
YUV	130.1510, 45.2816, 83.1826
Hunter-Lab	49.9226, 77.2230, -49.9005

Details

The CIELCh color **57, 91.547, 328.430** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **79, 93.614, 138.287**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 78.466, 327.088**, and **39, 83.804, 328.233** is the 20% darker color. If you saturate the color by 10%, you get **55, 98.134, 328.698**, and if you desaturate by 10%, it is **60, 82.437, 328.083**.

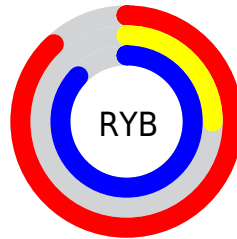
Distribution



Red (88%)

Green (25%)

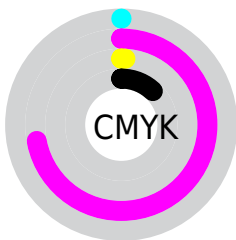
Blue (87%)



Red (88%)

Yellow (25%)

Blue (87%)

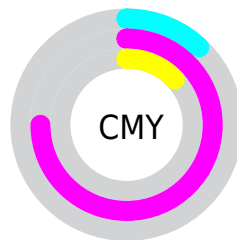


Cyan (0%)

Magenta (72%)

Yellow (1%)

Black (12%)



Cyan (12%)


Magenta (75%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 91.547, 328.430 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, 91.547, 328.430 by changing the saturation by 10% instead.


 57, 91.547,
328.430


 57, 91.547,
328.430


 100, 91.547,
328.430


 47, 91.547,
328.430


 77, 91.547,
328.430

 37, 91.547,
328.430

 87, 91.547,
328.430

 27, 91.547,
328.430

 97, 91.547,
328.430

 17, 91.547,
328.430

 7, 91.547, 328.430

 0, 91.547, 328.430

57, 91.547,
328.430

57, 91.547,
328.430

55, 98.134,
328.698

60, 82.437,
328.083

54, 102.021,
328.885

64, 71.265,
327.665

53, 103.572,
328.995

68, 58.585,
327.189

73, 44.940,
326.670

78, 30.787,
326.125

83, 16.472,
325.564

89, 2.240, 324.900

94, 11.748,
144.509

■ 97, 18.462,
144.426

Harmonies

Complementary

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



57, 91.547, 328.430



79, 93.614, 138.287

Rectangle

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



57, 91.547, 328.430



57, 91.547, 18.430



57, 91.547, 148.430



57, 91.547, 198.430

Sweetspot

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



57, 91.544, 328.430



87, 33.167, 326.101



38, 95.720, 302.455



45, 22.449, 326.255



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, 91.544, 328.430



61, 110.409, 328.801



54, 67.772, 354.340



44, 8.052, 325.441



42, 86.229, 328.982



8, 35.484, 328.853

Inverse Universe

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



57, 91.544, 328.430



61, 110.409, 328.801



80, 64.341, 155.712



44, 8.052, 325.441



42, 86.229, 328.982



8, 35.484, 328.853

Previews

White Background



This preview shows how the CIELCh color 57, 91.547, 328.430 looks on a white background.

Color Contrast Check

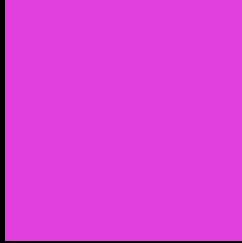
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 57, 91.547, 328.430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

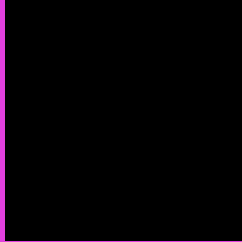
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 91.547, 328.430

Background



This preview shows how black text looks on a background with the CIELCh color 57, 91.547, 328.430.



This preview shows how white text looks on a background with the CIELCh color 57, 91.547, 328.430.

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, 91.547, 328.430

Protanopia

57, 69.555, 287.136

Deuteranopia

57, 42.810, 280.980



Tritanopia
57, 46.921, 20.273

Trichromacy



Original Color
57, 91.547, 328.430



Protanomaly
54, 77.424, 302.186



Deuteranomaly
54, 61.229, 306.483



Tritanomaly
56, 57.418, 351.358

Monochromacy



Original Color
57, 91.547, 328.430



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 39.047, 327.292

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 91.547, 328.430 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(225, 64, 222)` looks like.

```
.text, #text, p{  
    color:rgb(225, 64, 222)  
}
```

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(225, 64, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 64, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 91.547, 328.430 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(225, 64, 222) }
```

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

```
.border{ border-color:rgb(225, 64, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 64, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 64, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 64, 222);  
box-shadow:4px 4px 4px 4px rgb(225, 64,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 91.547, 328.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 64, 222) }
```

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

```
.background{ background-color: rgb(225, 64,  
222) }
```

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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