

Converting Colors

CIELCh(57, 88.310, 332.103)

Have a look what the booklet for
CIELCh(57, 88.310, 332.103)
contains.

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Color

CIELCh(57, 88.067, 332.171)

Conversions

Conversions Part 1

Format	Color
Hex	E63ED2
RGB	230, 62, 210
RGB Percent	90%, 24%, 82%
CMY	0.0980, 0.7568, 0.1765
CMYK	0.00, 0.73, 0.09, 0.10
HSL	307°, 77%, 57%
HSV	307°, 73%, 90%
XYZ	45.9906, 24.9227, 63.3611
YIQ	129.1040, 52.6200, 81.6440

Conversions

Conversions Part 2

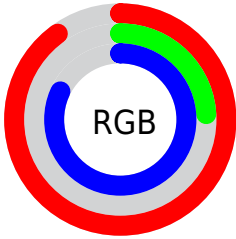
Format	Color
R _{YB}	230, 62, 210
Decimal	15089362
CIE _{Lab}	57.00, 77.88, -41.11
CIE _{LCh}	57, 88.067, 332.171
Yxy	24.9227, 0.3425, 0.1856
Android (android.graphics.Color)	4293279442 (0xFFE63ED2)
YUV	129.1040, 39.8817, 88.4858
Hunter-Lab	49.9226, 77.0765, -40.3042

Details

The CIELCh color **57, 88.067, 332.171** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **81, 91.313, 140.428**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 78.997, 327.105**, and **39, 79.620, 332.063** is the 20% darker color. If you saturate the color by 10%, you get **55, 93.686, 332.730**, and if you desaturate by 10%, it is **60, 79.846, 331.606**.

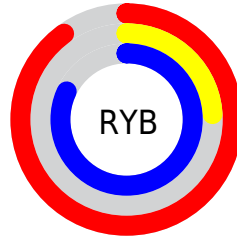
Distribution



Red (90%)

Green (24%)

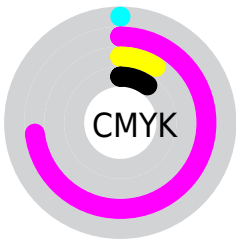
Blue (82%)



Red (90%)

Yellow (24%)

Blue (82%)

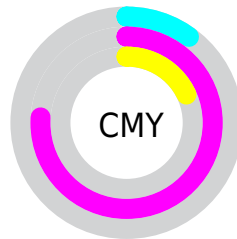


Cyan (0%)

Magenta (73%)

Yellow (9%)

Black (10%)



Cyan (10%)


Magenta (76%)


Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 88.067, 332.171 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, 88.067, 332.171 by changing the saturation by 10% instead.


 57, 88.067,
332.171


 57, 88.067,
332.171


 100, 88.067,
332.171


 47, 88.067,
332.171


 77, 88.067,
332.171

 37, 88.067,
332.171

 87, 88.067,
332.171

 27, 88.067,
332.171

 97, 88.067,
332.171

 17, 88.067,
332.171

 7, 88.067, 332.171

 0, 88.067, 332.171

57, 88.067,
332.171

57, 88.067,
332.171

55, 93.686,
332.730

60, 79.846,
331.606

54, 96.541,
333.298

64, 69.495,
331.025

53, 97.243,
333.707

68, 57.589,
330.431

73, 44.686,
329.826

78, 31.251,
329.217

84, 17.637,
328.607

90, 4.087, 327.958

95, 9.238, 147.498

■ 98, 13.689,
149.425

Harmonies

Complementary

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



57, 88.067, 332.171



81, 91.313, 140.428

Rectangle

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



57, 88.067, 332.171



57, 88.067, 22.171



57, 88.067, 152.171



57, 88.067, 202.171

Sweetspot

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



57, 88.064, 332.171



86, 32.445, 329.161



39, 98.821, 304.202



44, 21.800, 329.327



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, 88.064, 332.171



60, 103.337, 333.038



54, 68.023, 2.408



45, 7.653, 328.387



41, 80.567, 333.606



8, 34.296, 332.684

Inverse Universe

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



57, 88.064, 332.171



60, 103.337, 333.038



82, 60.251, 161.208



45, 7.653, 328.387



41, 80.567, 333.606



8, 34.296, 332.684

Previews

White Background



This preview shows how the CIELCh color 57, 88.067, 332.171 looks on a white background.

Color Contrast Check

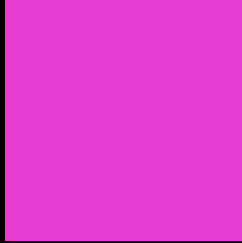
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.067, 332.171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

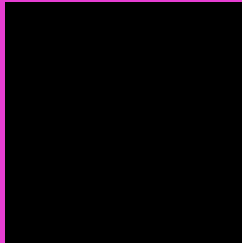
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 88.067, 332.171

Background



This preview shows how black text looks on a background with the CIELCh color 57, 88.067, 332.171.

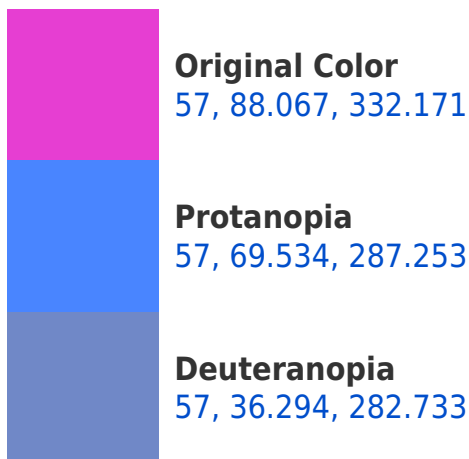


This preview shows how white text looks on a background with the CIELCh color 57, 88.067, 332.171.

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





Tritanopia
57, 51.978, 22.808

Trichromacy



Original Color
57, 88.067, 332.171



Protanomaly
53, 75.882, 302.788



Deuteranomaly
54, 55.874, 311.074



Tritanomaly
56, 59.050, 356.574

Monochromacy



Original Color
57, 88.067, 332.171



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 37.724, 330.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 88.067, 332.171 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(230, 62, 210)` looks like.

```
.text, #text, p{  
    color:rgb(230, 62, 210)  
}
```

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(230, 62, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 62, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 88.067, 332.171 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(230, 62, 210) }
```

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

```
.border{ border-color:rgb(230, 62, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 62, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 62, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 62, 210);  
box-shadow:4px 4px 4px 4px rgb(230, 62,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 88.067, 332.171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 62, 210) }
```

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

```
.background{ background-color: rgb(230, 62,  
210) }
```

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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