

Converting Colors

CIELCh(57, 96.435, 329.716)

Have a look what the booklet for
CIELCh(57, 96.435, 329.716)
contains.

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Color

CIELCh(57, 96.353, 329.727)

Conversions

Conversions Part 1

Format	Color
Hex	E833DF
RGB	232, 51, 223
RGB Percent	91%, 20%, 87%
CMY	0.0894, 0.7988, 0.1247
CMYK	0.00, 0.78, 0.04, 0.09
HSL	303°, 80%, 56%
HSV	303°, 78%, 91%
XYZ	47.8904, 24.9227, 72.2396
YIQ	124.7270, 52.6640, 91.8640

Conversions

Conversions Part 2

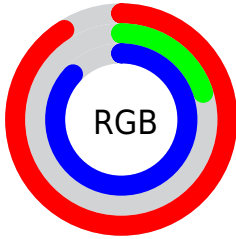
Format	Color
R _Y B	232, 51, 223
Decimal	15217631
CIE Lab	57.00, 83.21, -48.57
CIE LCh	57, 96.353, 329.727
Yxy	24.9227, 0.3302, 0.1718
Android (android.graphics.Color)	4293407711 (0xFFE833DF)
YUV	124.7270, 48.4486, 94.0784
Hunter-Lab	49.9226, 83.8690, -50.8487

Details

The CIELCh color **57, 96.353, 329.727** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **81, 99.872, 138.191**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 82.642, 327.221**, and **41, 84.105, 329.415** is the 20% darker color. If you saturate the color by 10%, you get **55, 101.094, 330.037**, and if you desaturate by 10%, it is **59, 88.852, 329.357**.

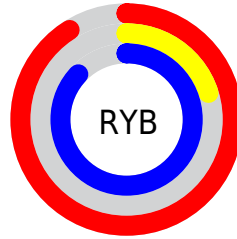
Distribution



Red (91%)

Green (20%)

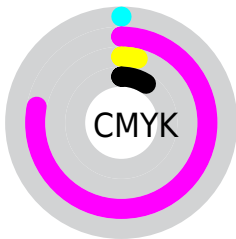
Blue (87%)



Red (91%)

Yellow (20%)

Blue (87%)

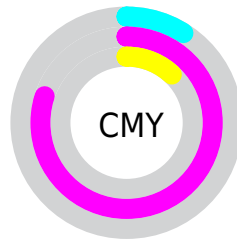


Cyan (0%)

Magenta (78%)

Yellow (4%)

Black (9%)



Cyan (9%)


Magenta (80%)

Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 96.353, 329.727 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, 96.353, 329.727 by changing the saturation by 10% instead.


 57, 96.353,
329.727


 57, 96.353,
329.727


 100, 96.353,
329.727


 47, 96.353,
329.727


 77, 96.353,
329.727

 37, 96.353,
329.727

 87, 96.353,
329.727

 27, 96.353,
329.727

 97, 96.353,
329.727

 17, 96.353,
329.727

 7, 96.353, 329.727

 0, 96.353, 329.727

■ 57, 96.353,
329.727

■ 57, 96.353,
329.727

■ 55, 101.094,
330.037

■ 59, 88.852,
329.357

■ 55, 103.200,
330.298

■ 63, 78.920,
328.928

■ 54, 103.484,
330.350

■ 67, 67.084,
328.446

■ 71, 53.926,
327.922

■ 76, 39.975,
327.371

■ 82, 25.655,
326.803

■ 87, 11.279,
326.221

■ 93, 2.943, 145.791

■ 98, 13.622,
145.616

Harmonies

Complementary

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



57, 96.353, 329.727



81, 99.872, 138.191

Rectangle

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



57, 96.353, 329.727



57, 96.353, 19.727



57, 96.353, 149.727



57, 96.353, 199.727

Sweetspot

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



57, 96.350, 329.727



86, 35.569, 327.100



36, 106.573, 303.906



44, 24.607, 327.305



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, 96.350, 329.727



60, 110.066, 330.187



53, 72.664, 357.363



46, 8.176, 326.314



42, 85.945, 330.315



9, 37.014, 329.996

Inverse Universe

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



57, 96.350, 329.727



60, 110.066, 330.187



82, 69.081, 155.360



46, 8.176, 326.314



42, 85.945, 330.315



9, 37.014, 329.996

Previews

White Background



This preview shows how the CIELCh color 57, 96.353, 329.727 looks on a white background.

Color Contrast Check

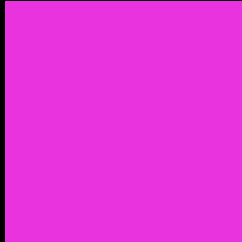
Large Text (above 18pt) WCAG AA ✓ Pass

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, 96.353, 329.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

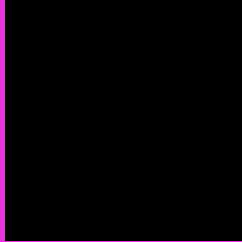
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 96.353, 329.727

Background



This preview shows how black text looks on a background with the CIELCh color 57, 96.353, 329.727.

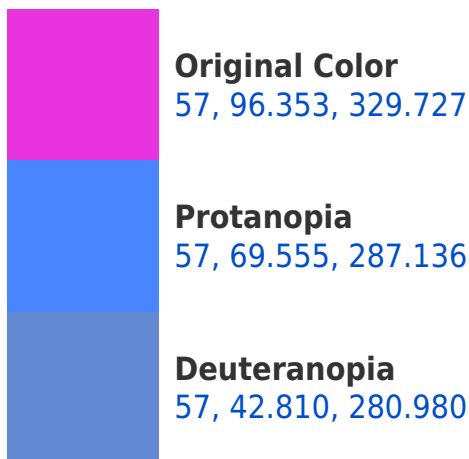


This preview shows how white text looks on a background with the CIELCh color 57, 96.353, 329.727.

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, 52.734, 22.446

Trichromacy



Original Color
57, 96.353, 329.727



Protanomaly
53, 80.465, 303.583



Deuteranomaly
54, 63.830, 308.177



Tritanomaly
56, 62.114, 353.926

Monochromacy



Original Color
57, 96.353, 329.727



Achromatopsia
52, 0.007, 296.813



Achromatomaly
51, 43.196, 327.866

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 96.353, 329.727 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(232, 51, 223)` looks like.

```
.text, #text, p{  
    color:rgb(232, 51, 223)  
}
```

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(232, 51, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 51, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 96.353, 329.727 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(232, 51, 223) }
```

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

```
.border{ border-color:rgb(232, 51, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 51, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 51, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 51, 223);  
box-shadow:4px 4px 4px 4px rgb(232, 51,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 96.353, 329.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 51, 223) }
```

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

```
.background{ background-color: rgb(232, 51,  
223) }
```

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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