

Converting Colors

CIELCh(57, 99.335, 329.408)

Have a look what the booklet for
CIELCh(57, 99.335, 329.408)
contains.

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Color

CIELCh(57, 99.469, 329.348)

Conversions

Conversions Part 1

Format	Color
Hex	EA2DE3
RGB	234, 45, 227
RGB Percent	92%, 18%, 89%
CMY	0.0823, 0.8234, 0.1097
CMYK	0.00, 0.81, 0.03, 0.08
HSL	302°, 82%, 55%
HSV	302°, 81%, 92%
XYZ	48.7467, 24.9227, 74.9286
YIQ	122.2590, 54.2220, 96.6700

Conversions

Conversions Part 2

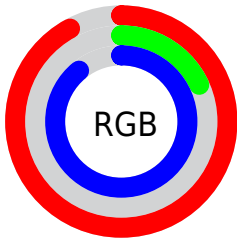
Format	Color
R_{YB}	234, 45, 227
Decimal	15347171
CIE _{Lab}	57.00, 85.57, -50.71
CIE _{LCh}	57, 99.469, 329.348
Yxy	24.9227, 0.3280, 0.1677
Android (android.graphics.Color)	4293537251 (0xFFEA2DE3)
YUV	122.2590, 51.6373, 97.9969
Hunter-Lab	49.9226, 86.9310, -54.0422

Details

The CIELCh color **57, 99.469, 329.348** 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 **82, 103.223, 137.630**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 84.162, 327.270**, and **41, 85.613, 328.925** is the 20% darker color. If you saturate the color by 10%, you get **56, 103.522, 329.600**, and if you desaturate by 10%, it is **59, 92.611, 329.029**.

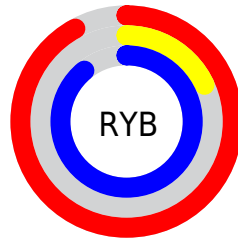
Distribution



Red (92%)

Green (18%)

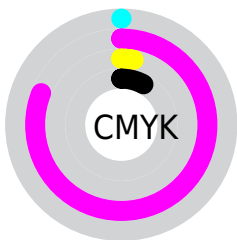
Blue (89%)



Red (92%)

Yellow (18%)

Blue (89%)

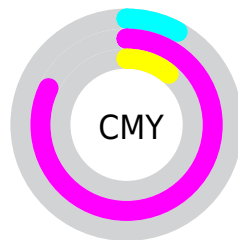


Cyan (0%)

Magenta (81%)

Yellow (3%)

Black (8%)



Cyan (8%)


Magenta (82%)


Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 99.469, 329.348 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, 99.469, 329.348 by changing the saturation by 10% instead.

 57, 99.469,
329.348


 57, 99.469,
329.348

 100, 99.469,
329.348


 47, 99.469,
329.348


 77, 99.469,
329.348

 37, 99.469,
329.348

 87, 99.469,
329.348

 27, 99.469,
329.348

 97, 99.469,
329.348

 17, 99.469,
329.348

 7, 99.469, 329.348

 0, 99.469, 329.348

■ 57, 99.469,
329.348

■ 57, 99.469,
329.348

■ 56, 103.522,
329.600

■ 59, 92.611,
329.029

■ 55, 105.155,
329.786

■ 62, 83.179,
328.641

■ 66, 71.658,
328.192

■ 71, 58.631,
327.692

■ 76, 44.656,
327.157

■ 81, 30.193,
326.600

■ 86, 15.590,
326.028

■ 92, 1.092, 325.214

■ 98, 12.735,
145.013

Harmonies

Complementary

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



57, 99.469, 329.348



82, 103.223, 137.630

Rectangle

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



57, 99.469, 329.348



57, 99.469, 19.348



57, 99.469, 149.348



57, 99.469, 199.348

Sweetspot

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



57, 99.466, 329.348



85, 37.436, 326.789



35, 110.718, 304.398



43, 25.700, 326.988



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, 99.466, 329.348



60, 111.790, 329.736



53, 74.434, 358.260



46, 8.247, 325.953



43, 86.810, 329.759



9, 37.332, 329.528

Inverse Universe

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



57, 99.466, 329.348



60, 111.790, 329.736



83, 71.249, 154.777



46, 8.247, 325.953



43, 86.810, 329.759



9, 37.332, 329.528

Previews

White Background



This preview shows how the CIELCh color 57, 99.469, 329.348 looks on a white background.

Color Contrast Check

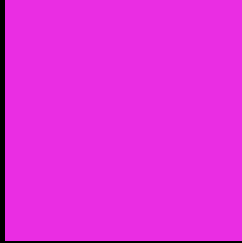
Large Text (above 18pt) WCAG AA ✓ Pass

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, 99.469, 329.348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

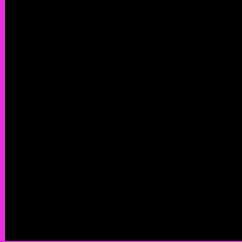
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 99.469, 329.348

Background



This preview shows how black text looks on a background with the CIELCh color 57, 99.469, 329.348.

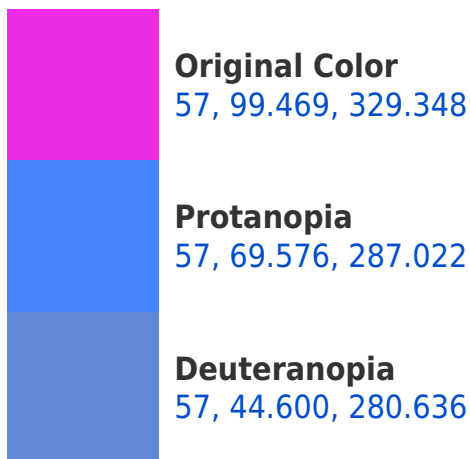


This preview shows how white text looks on a background with the CIELCh color 57, 99.469, 329.348.

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, 53.624, 22.684

Trichromacy



Original Color
57, 99.469, 329.348



Protanomaly
53, 82.736, 303.947



Deuteranomaly
53, 67.152, 307.723



Tritanomaly
56, 64.055, 353.509

Monochromacy



Original Color
57, 99.469, 329.348



Achromatopsia
51, 0.007, 296.813



Achromatomaly
50, 45.150, 327.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 99.469, 329.348 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, 45, 227)` looks like.

```
.text, #text, p{  
    color:rgb(234, 45, 227)  
}
```

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, 45, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 45, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 99.469, 329.348 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, 45, 227) }
```

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

```
.border{ border-color:rgb(234, 45, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 45, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 45, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 45, 227);  
box-shadow:4px 4px 4px 4px rgb(234, 45,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 99.469, 329.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 45, 227) }
```

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

```
.background{ background-color: rgb(234, 45,  
227) }
```

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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