

Converting Colors

CIELCh(57, 88.535, 325.360)

Have a look what the booklet for
CIELCh(57, 88.535, 325.360)
contains.

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Color

CIELCh(57, 88.388, 325.357)

Conversions

Conversions Part 1

Format	Color
Hex	D74BE2
RGB	215, 75, 226
RGB Percent	84%, 29%, 89%
CMY	0.1574, 0.7064, 0.1142
CMYK	0.05, 0.67, 0.00, 0.11
HSL	296°, 72%, 59%
HSV	296°, 67%, 89%
XYZ	44.1994, 24.9227, 74.3364
YIQ	134.0740, 34.9690, 76.6410

Conversions

Conversions Part 2

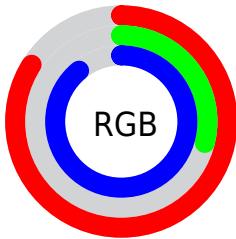
Format	Color
RYB	215, 75, 226
Decimal	14109666
CIELab	57.00, 72.72, -50.25
CIELCh	57, 88.388, 325.357
Yxy	24.9227, 0.3081, 0.1737
Android (android.graphics.Color)	4292299746 (0xFFD74BE2)
YUV	134.0740, 45.3195, 70.9721
Hunter-Lab	49.9226, 70.6717, -53.3389

Details

The CIELCh color **57, 88.388, 325.357** 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 **80, 88.924, 137.285**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 74.128, 326.948**, and **38, 85.724, 325.045** is the 20% darker color. If you saturate the color by 10%, you get **54, 96.706, 325.512**, and if you desaturate by 10%, it is **61, 77.806, 325.084**.

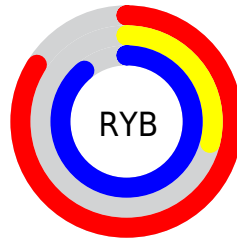
Distribution



Red (84%)

Green (29%)

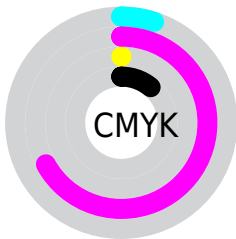
Blue (89%)



Red (84%)

Yellow (29%)

Blue (89%)

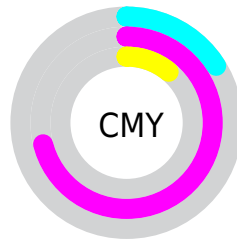


Cyan (5%)

Magenta (67%)

Yellow (0%)

Black (11%)



Cyan (16%)


Magenta (71%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 88.388, 325.357 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, 88.388, 325.357 by changing the saturation by 10% instead.


 57, 88.388,
325.357


 57, 88.388,
325.357


 100, 88.388,
325.357

 47, 88.388,
325.357


 77, 88.388,
325.357

 37, 88.388,
325.357

 87, 88.388,
325.357

 27, 88.388,
325.357

 97, 88.388,
325.357

 17, 88.388,
325.357

 7, 88.388, 325.357

 0, 88.388, 325.357

■ 57, 88.388,
325.357

■ 57, 88.388,
325.357

■ 54, 96.706,
325.512

■ 61, 77.806,
325.084

■ 52, 102.355,
325.530

■ 65, 65.537,
324.719

■ 51, 105.285,
325.407

■ 70, 52.154,
324.286

■ 51, 105.906,
325.353


■ 75, 38.147,
323.809

■ 80, 23.893,
323.308

■ 86, 9.660, 322.788

■ 92, 4.375, 142.377

■ 97, 17.760,
141.823

 98, 17.442,
140.272

Harmonies

Complementary

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



57, 88.388, 325.357



80, 88.924, 137.285

Rectangle

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



57, 88.388, 325.357



57, 88.388, 15.357



57, 88.388, 145.357



57, 88.388, 195.357

Sweetspot

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



57, 88.386, 325.357



87, 31.320, 323.474



44, 81.733, 298.374



45, 21.382, 323.616



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, 88.386, 325.357



60, 108.628, 325.535



56, 68.020, 346.630



44, 7.973, 322.925



39, 87.867, 325.399



7, 35.851, 325.780

Inverse Universe

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



54, 64.887, 24.535



56, 85.484, 29.739



81, 67.017, 151.725



44, 4.742, 14.043



36, 76.104, 36.981



6, 25.387, 17.872

Previews

White Background



This preview shows how the CIELCh color 57, 88.388, 325.357 looks on a white background.

Color Contrast Check

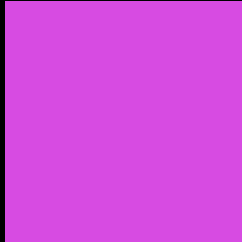
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.388, 325.357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

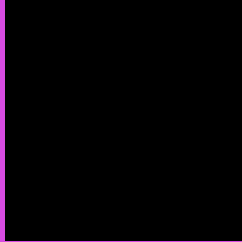
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 88.388, 325.357

Background



This preview shows how black text looks on a background with the CIELCh color 57, 88.388, 325.357.

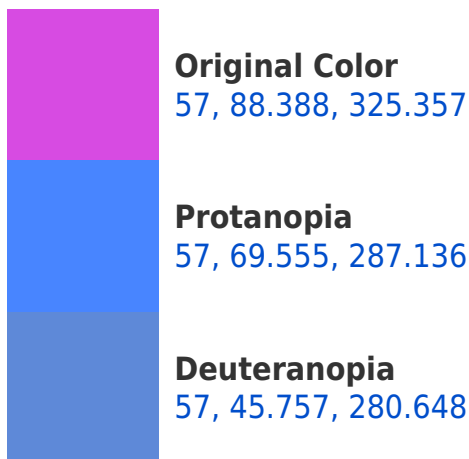


This preview shows how white text looks on a background with the CIELCh color 57, 88.388, 325.357.

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, 39.432, 17.983

Trichromacy



Original Color
57, 88.388, 325.357



Protanomaly
54, 75.526, 300.551



Deuteranomaly
55, 61.264, 303.292



Tritanomaly
56, 51.659, 346.725

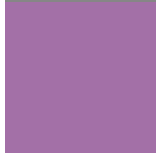
Monochromacy



Original Color
57, 88.388, 325.357



Achromatopsia
56, 0.007, 296.813



Achromatomaly
54, 36.550, 324.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 88.388, 325.357 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(215, 75, 226)` looks like.

```
.text, #text, p{  
    color:rgb(215, 75, 226)  
}
```

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(215, 75, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 75, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 88.388, 325.357 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(215, 75, 226) }
```

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

```
.border{ border-color:rgb(215, 75, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 75, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 75, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 75, 226);  
box-shadow:4px 4px 4px 4px rgb(215, 75,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 88.388, 325.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 75, 226) }
```

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

```
.background{ background-color: rgb(215, 75,  
226) }
```

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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