

Converting Colors

CIELCh(57, 99.012, 325.366)

Have a look what the booklet for
CIELCh(57, 99.012, 325.366)
contains.

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Color

CIELCh(57, 99.109, 325.306)

Conversions

Conversions Part 1

Format	Color
Hex	DF3BED
RGB	223, 59, 237
RGB Percent	87%, 23%, 93%
CMY	0.1256, 0.7687, 0.0707
CMYK	0.06, 0.75, 0.00, 0.07
HSL	295°, 83%, 58%
HSV	295°, 75%, 93%
XYZ	47.2698, 24.9227, 82.4226
YIQ	128.3280, 40.6060, 90.1260

Conversions

Conversions Part 2

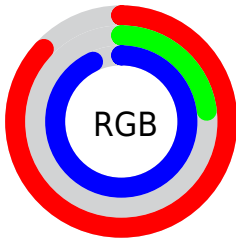
Format	Color
R _Y B	223, 59, 237
Decimal	14629869
CIE _{Lab}	57.00, 81.49, -56.41
CIE _{LCh}	57, 99.109, 325.306
Yxy	24.9227, 0.3057, 0.1612
Android (android.graphics.Color)	4292819949 (0xFFDF3BED)
YUV	128.3280, 53.5753, 83.0273
Hunter-Lab	49.9226, 81.6504, -62.9424

Details

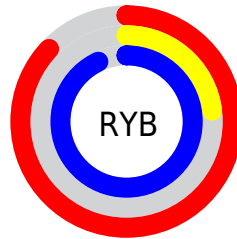
The CIELCh color **57, 99.109, 325.306** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **83, 100.223, 136.520**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 80.052, 327.139**, and **40, 89.529, 324.573** is the 20% darker color. If you saturate the color by 10%, you get **55, 105.450, 325.335**, and if you desaturate by 10%, it is **60, 90.027, 325.138**.

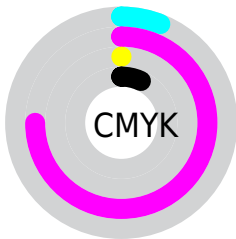
Distribution



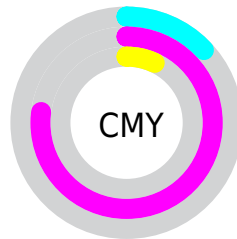
- Red (87%)
- Green (23%)
- Blue (93%)



- Red (87%)
- Yellow (23%)
- Blue (93%)



- Cyan (6%)
- Magenta (75%)
- Yellow (0%)
- Black (7%)




- Cyan (13%)
- Magenta (77%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 99.109, 325.306 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, 99.109, 325.306 by changing the saturation by 10% instead.


 57, 99.109,
325.306


 57, 99.109,
325.306

 100, 99.109,
325.306


 47, 99.109,
325.306

 77, 99.109,
325.306

 37, 99.109,
325.306

 87, 99.109,
325.306

 27, 99.109,
325.306

 97, 99.109,
325.306

 17, 99.109,
325.306

 7, 99.109, 325.306

 0, 99.109, 325.306

57, 99.109,
325.306

57, 99.109,
325.306

55, 105.450,
325.335

60, 90.027,
325.138

53, 108.912,
325.217

64, 78.688,
324.853

53, 109.868,
325.120

69, 65.698,
324.478


74, 51.647,
324.039

79, 37.030,
323.558

85, 22.217,
323.056

91, 7.467, 322.530

97, 7.050, 142.111

 98, 10.682,
139.854

Harmonies

Complementary

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



57, 99.109, 325.306



83, 100.223, 136.520

Rectangle

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



57, 99.109, 325.306



57, 99.109, 15.306



57, 99.109, 145.306



57, 99.109, 195.306

Sweetspot

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



57, 99.107, 325.306



86, 35.985, 323.458



41, 96.440, 300.514



44, 24.913, 323.637



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, 99.107, 325.306



58, 113.754, 325.291



56, 75.961, 348.202



46, 8.256, 322.765



40, 89.792, 325.172



8, 38.415, 325.613

Inverse Universe

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



54, 75.650, 27.208



54, 94.315, 33.746



84, 76.292, 150.193



46, 4.923, 13.584



38, 77.572, 36.810



7, 28.223, 19.508

Previews

White Background



This preview shows how the CIELCh color 57, 99.109, 325.306 looks on a white background.

Color Contrast Check

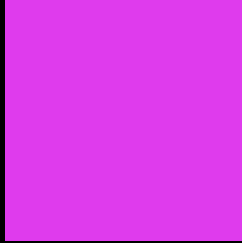
Large Text (above 18pt) WCAG AA ✓ Pass

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, 99.109, 325.306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

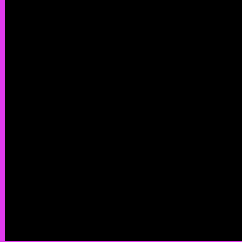
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 99.109, 325.306

Background



This preview shows how black text looks on a background with the CIELCh color 57, 99.109, 325.306.

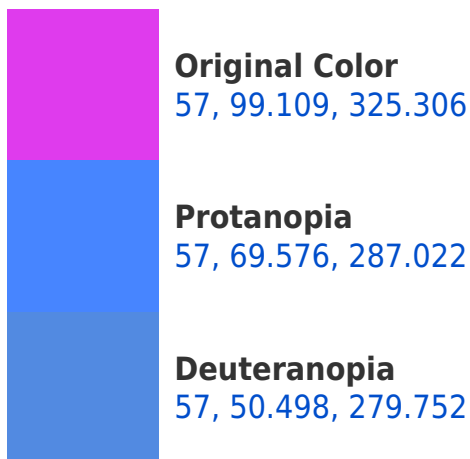


This preview shows how white text looks on a background with the CIELCh color 57, 99.109, 325.306.

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, 43.832, 19.358

Trichromacy



Original Color
57, 99.109, 325.306



Protanomaly
54, 81.339, 302.274



Deuteranomaly
54, 69.250, 303.075



Tritanomaly
56, 58.012, 346.697

Monochromacy



Original Color
57, 99.109, 325.306



Achromatopsia
54, 0.007, 296.813



Achromatomaly
52, 42.960, 324.214

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 99.109, 325.306 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(223, 59, 237)` looks like.

```
.text, #text, p{  
    color:rgb(223, 59, 237)  
}
```

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(223, 59, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 59, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 99.109, 325.306 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(223, 59, 237) }
```

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

```
.border{ border-color:rgb(223, 59, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 59, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 59, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 59, 237); box-shadow:4px 4px 4px 4px rgb(223, 59, 237) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 99.109, 325.306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 59, 237) }
```

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

```
.background{ background-color: rgb(223, 59,  
237) }
```

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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