

Converting Colors

CIELCh(57, 59.516, 334.784)

Have a look what the booklet for
CIELCh(57, 59.516, 334.784)
contains.

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Color

CIELCh(57, 59.314, 334.900)

Conversions

Conversions Part 1

Format	Color
Hex	CE61B6
RGB	206, 97, 182
RGB Percent	81%, 38%, 71%
CMY	0.1935, 0.6209, 0.2876
CMYK	0.00, 0.53, 0.12, 0.19
HSL	313°, 52%, 59%
HSV	313°, 53%, 81%
XYZ	38.0079, 24.9227, 46.8813
YIQ	139.2810, 37.6790, 49.5430

Conversions

Conversions Part 2

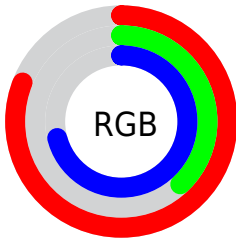
Format	Color
R _Y B	206, 97, 182
Decimal	13525430
CIE Lab	57.00, 53.71, -25.16
CIE LCh	57, 59.314, 334.900
Yxy	24.9227, 0.3461, 0.2270
Android (android.graphics.Color)	4291715510 (0xFFCE61B6)
YUV	139.2810, 21.0605, 58.5126
Hunter-Lab	49.9226, 48.5341, -20.7322

Details

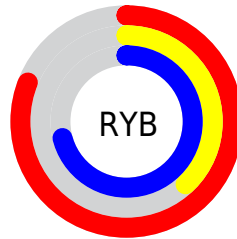
The CIELCh color **57, 59.314, 334.900** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **75, 59.497, 146.339**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 57.154, 331.898**, and **37, 59.174, 334.807** is the 20% darker color. If you saturate the color by 10%, you get **53, 68.227, 335.704**, and if you desaturate by 10%, it is **61, 49.078, 334.142**.

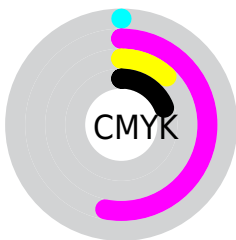
Distribution



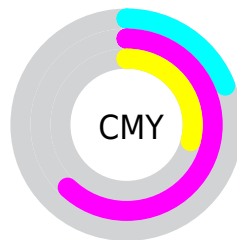
- Red (81%)
- Green (38%)
- Blue (71%)



- Red (81%)
- Yellow (38%)
- Blue (71%)



- Cyan (0%)
- Magenta (53%)
- Yellow (12%)
- Black (19%)




- Cyan (19%)
- Magenta (62%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 59.314, 334.900 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, 59.314, 334.900 by changing the saturation by 10% instead.


 57, 59.314,
334.900

 57, 59.314,
334.900


 100, 59.314,
334.900


 47, 59.314,
334.900

 77, 59.314,
334.900


 37, 59.314,
334.900

 87, 59.314,
334.900

 27, 59.314,
334.900

 97, 59.314,
334.900

 17, 59.314,
334.900

 7, 59.314, 334.900

 0, 59.314, 334.900

57, 59.314,
334.900

57, 59.314,
334.900

53, 68.227,
335.704

61, 49.078,
334.142

51, 75.296,
336.572

66, 38.022,
333.416

48, 80.071,
337.538

71, 26.545,
332.719

47, 82.352,
338.644

76, 14.943,
332.043

46, 82.822,
339.505

81, 3.419, 331.333

86, 7.900, 150.858

92, 18.939,
150.254

96, 25.933,
150.848

■ 96, 24.208,
154.419

Harmonies

Complementary

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



57, 59.314, 334.900



75, 59.497, 146.339

Rectangle

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



57, 59.314, 334.900



57, 59.314, 24.900



57, 59.314, 154.900



57, 59.314, 204.900

Sweetspot

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



57, 59.311, 334.900



90, 21.953, 332.258



48, 64.200, 303.556



47, 14.834, 332.399



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, 59.311, 334.900



65, 81.920, 335.855



55, 46.396, 4.551



40, 6.468, 331.802



37, 70.725, 339.292



5, 24.253, 336.372

Inverse Universe

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



57, 59.311, 334.900



65, 81.920, 335.855



76, 39.186, 171.362



40, 6.468, 331.802



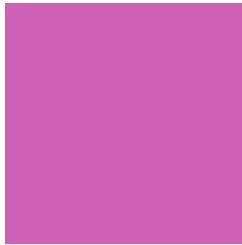
37, 70.725, 339.292



5, 24.253, 336.372

Previews

White Background



This preview shows how the CIELCh color 57, 59.314, 334.900 looks on a white background.

Color Contrast Check

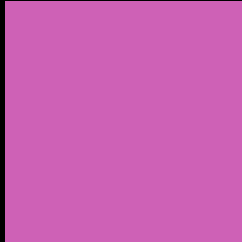
Large Text (above 18pt) WCAG AA ✓ Pass

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, 59.314, 334.900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

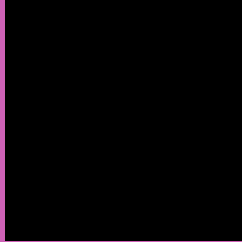
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 59.314, 334.900

Background



This preview shows how black text looks on a background with the CIELCh color 57, 59.314, 334.900.

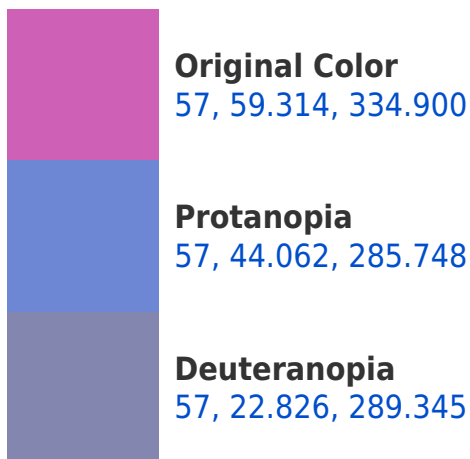


This preview shows how white text looks on a background with the CIELCh color 57, 59.314, 334.900.

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, 37.235, 17.248

Trichromacy



Original Color
57, 59.314, 334.900



Protanomaly
56, 46.573, 304.661



Deuteranomaly
56, 34.699, 315.821



Tritanomaly
57, 41.821, 356.477

Monochromacy



Original Color
57, 59.314, 334.900



Achromatopsia
58, 0.007, 296.813



Achromatomaly
57, 23.104, 332.201

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 59.314, 334.900 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(206, 97, 182)` looks like.

```
.text, #text, p{  
    color:rgb(206, 97, 182)  
}
```

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(206, 97, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 97, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 59.314, 334.900 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(206, 97, 182) }
```

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

```
.border{ border-color:rgb(206, 97, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 97, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 97, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 97, 182);  
box-shadow:4px 4px 4px 4px rgb(206, 97,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 59.314, 334.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 97, 182) }
```

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

```
.background{ background-color: rgb(206, 97,  
182) }
```

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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