

Converting Colors

CIELCh(51, 79.145, 333.465)

Have a look what the booklet for
CIELCh(51, 79.145, 333.465)
contains.

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Color

CIELCh(51, 79.105, 333.534)

Conversions

Conversions Part 1

Format	Color
Hex	CE37B7
RGB	206, 55, 183
RGB Percent	81%, 22%, 72%
CMY	0.1922, 0.7843, 0.2824
CMYK	0.00, 0.73, 0.11, 0.19
HSL	309°, 61%, 51%
HSV	309°, 73%, 81%
XYZ	35.3603, 19.2686, 46.6476
YIQ	114.7410, 48.9080, 71.8200

Conversions

Conversions Part 2

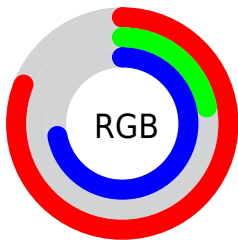
Format	Color
R _Y B	206, 55, 183
Decimal	13514679
CIE Lab	51.00, 70.81, -35.25
CIE LCh	51, 79.105, 333.534
Yxy	19.2686, 0.3491, 0.1903
Android (android.graphics.Color)	4291704759 (0xFFCE37B7)
YUV	114.7410, 33.6517, 80.0341
Hunter-Lab	43.8960, 66.9720, -32.2794

Details

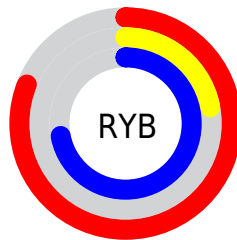
The CIELCh color **51, 79.105, 333.534** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **73, 82.119, 141.343**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 77.472, 330.988**, and **34, 69.781, 333.988** is the 20% darker color. If you saturate the color by 10%, you get **49, 84.128, 334.212**, and if you desaturate by 10%, it is **54, 71.737, 332.880**.

Distribution



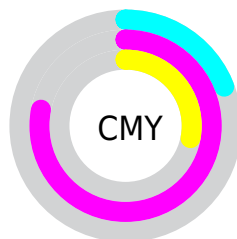
- Red (81%)
- Green (22%)
- Blue (72%)



- Red (81%)
- Yellow (22%)
- Blue (72%)



- Cyan (0%)
- Magenta (73%)
- Yellow (11%)
- Black (19%)





- Cyan (19%)
- Magenta (78%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 79.105, 333.534 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 51, 79.105, 333.534 by changing the saturation by 10% instead.


 51, 79.105,
333.534


 51, 79.105,
333.534


 100, 79.105,
333.534


 41, 79.105,
333.534


 71, 79.105,
333.534

 31, 79.105,
333.534

 81, 79.105,
333.534

 21, 79.105,
333.534

 91, 79.105,
333.534

 11, 79.105,
333.534

 1, 79.105, 333.534

 0, 79.105, 333.534

■ 51, 79.105,
333.534

■ 51, 79.105,
333.534

■ 49, 84.128,
334.212

■ 54, 71.737,
332.880

■ 48, 86.639,
334.937

■ 57, 62.462,
332.235

■ 47, 87.273,
335.452

■ 61, 51.801,
331.594

■ 66, 40.256,
330.955

■ 71, 28.244,
330.323

■ 76, 16.076,
329.697

■ 81, 3.968, 329.038

■ 86, 7.938, 148.571

■ 92, 19.561,
147.991

Harmonies

Complementary

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



51, 79.105, 333.534



73, 82.119, 141.343

Rectangle

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



51, 79.105, 333.534



51, 79.105, 23.534



51, 79.105, 153.534



51, 79.105, 203.534

Sweetspot

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



51, 79.102, 333.534



86, 31.706, 330.258



36, 90.467, 304.722



44, 21.305, 330.431



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51, 79.102, 333.534



59, 100.877, 334.624



48, 62.213, 5.000



40, 6.786, 329.451



38, 74.385, 335.323



5, 25.651, 333.182

Inverse Universe

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



51, 79.102, 333.534



59, 100.877, 334.624



74, 53.500, 163.435



40, 6.786, 329.451



38, 74.385, 335.323



5, 25.651, 333.182

Previews

White Background



This preview shows how the CIELCh color 51, 79.105, 333.534 looks on a white background.

Color Contrast Check

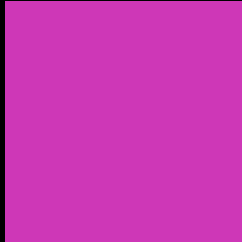
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 79.105, 333.534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

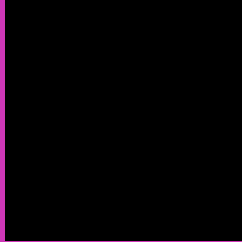
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 79.105, 333.534

Background



This preview shows how black text looks on a background with the CIELCh color 51, 79.105, 333.534.

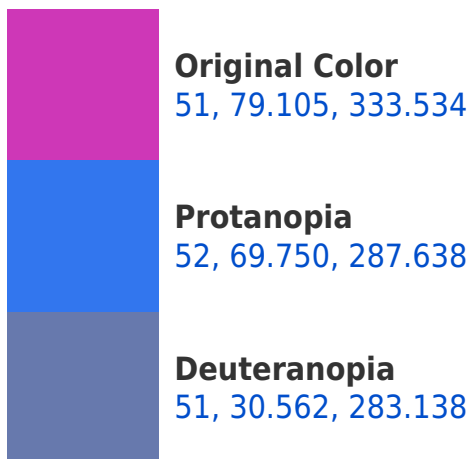


This preview shows how white text looks on a background with the CIELCh color 51, 79.105, 333.534.

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
51, 48.776, 23.317

Trichromacy



Original Color
51, 79.105, 333.534



Protanomaly
47, 72.112, 301.045



Deuteranomaly
49, 48.982, 312.506



Tritanomaly
50, 54.083, 358.674

Monochromacy



Original Color
51, 79.105, 333.534



Achromatopsia
48, 0.006, 296.813



Achromatomaly
47, 34.399, 330.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 79.105, 333.534 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, 55, 183)` looks like.

```
.text, #text, p{  
    color:rgb(206, 55, 183)  
}
```

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, 55, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 55, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 79.105, 333.534 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, 55, 183) }
```

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

```
.border{ border-color:rgb(206, 55, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 55, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 55, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 55, 183);  
box-shadow:4px 4px 4px 4px rgb(206, 55,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 79.105, 333.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 55, 183) }
```

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

```
.background{ background-color: rgb(206, 55,  
183) }
```

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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