

Converting Colors

CIELCh(51, 82.323, 327.639)

Have a look what the booklet for
CIELCh(51, 82.323, 327.639)
contains.

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Color

CIELCh(51, 82.401, 327.754)

Conversions

Conversions Part 1

Format	Color
Hex	C63CC6
RGB	198, 60, 198
RGB Percent	78%, 24%, 78%
CMY	0.2241, 0.7654, 0.2241
CMYK	0.00, 0.70, 0.00, 0.22
HSL	300°, 55%, 51%
HSV	300°, 70%, 78%
XYZ	35.0301, 19.2686, 55.2092
YIQ	116.9940, 37.9500, 72.1740

Conversions

Conversions Part 2

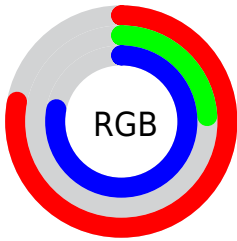
Format	Color
R_{YB}	198, 60, 198
Decimal	12991686
CIE _{Lab}	51.00, 69.69, -43.97
CIE _{LCh}	51, 82.401, 327.754
Yxy	19.2686, 0.3199, 0.1760
Android (android.graphics.Color)	4291181766 (0xFFC63CC6)
YUV	116.9940, 39.9360, 71.0423
Hunter-Lab	43.8960, 65.6293, -43.8433

Details

The CIELCh color **51, 82.401, 327.754** 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 **71, 83.846, 138.159**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 82.129, 327.205**, and **33, 75.191, 327.422** is the 20% darker color. If you saturate the color by 10%, you get **49, 89.029, 327.998**, and if you desaturate by 10%, it is **54, 73.594, 327.423**.

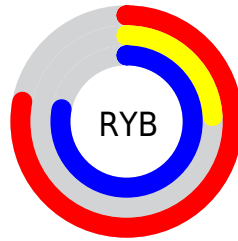
Distribution



Red (78%)

Green (24%)

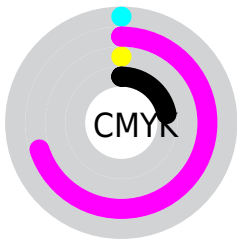
Blue (78%)



Red (78%)

Yellow (24%)

Blue (78%)

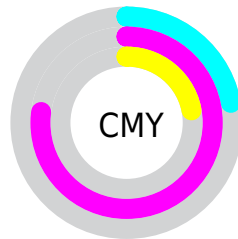


Cyan (0%)

Magenta (70%)

Yellow (0%)

Black (22%)



Cyan (22%)


Magenta (77%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 82.401, 327.754 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, 82.401, 327.754 by changing the saturation by 10% instead.


 51, 82.401,
327.754


 51, 82.401,
327.754


 100, 82.401,
327.754


 41, 82.401,
327.754


 71, 82.401,
327.754

 31, 82.401,
327.754

 81, 82.401,
327.754

 21, 82.401,
327.754

 91, 82.401,
327.754

 11, 82.401,
327.754

 1, 82.401, 327.754

 0, 82.401, 327.754

51, 82.401,
327.754

51, 82.401,
327.754

49, 89.029,
327.998

54, 73.594,
327.423

48, 93.255,
328.151

57, 63.043,
327.017

47, 95.424,
328.229

61, 51.247,
326.551

47, 95.470,
328.230

65, 38.674,
326.042

70, 25.711,
325.506

75, 12.650,
324.952

80, 0.303, 145.272

85, 13.016,
143.914

■ 90, 25.408,
143.389

Harmonies

Complementary

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



51, 82.401, 327.754



71, 83.846, 138.159

Rectangle

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



51, 82.401, 327.754



51, 82.401, 17.754



51, 82.401, 147.754



51, 82.401, 197.754

Sweetspot

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



51, 82.399, 327.754



87, 33.585, 325.591



35, 82.625, 301.213



45, 22.731, 325.743



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, 82.399, 327.754



62, 110.951, 328.093



48, 61.020, 351.435



39, 7.382, 324.930



39, 82.760, 328.230



4, 26.741, 327.024

Inverse Universe

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



46, 63.077, 30.297



55, 93.368, 35.717



71, 58.741, 154.441



39, 4.279, 19.918



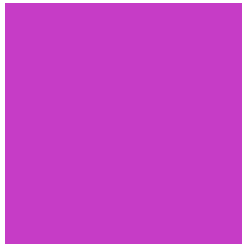
34, 74.642, 39.774



3, 15.885, 19.402

Previews

White Background



This preview shows how the CIELCh color 51, 82.401, 327.754 looks on a white background.

Color Contrast Check

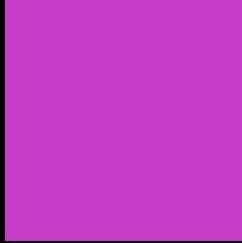
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 82.401, 327.754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

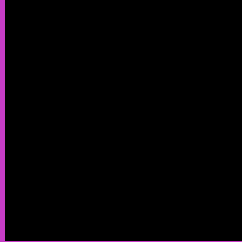
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 82.401, 327.754

Background



This preview shows how black text looks on a background with the CIELCh color 51, 82.401, 327.754.

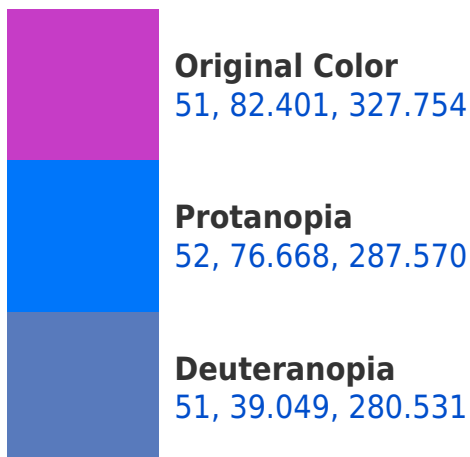


This preview shows how white text looks on a background with the CIELCh color 51, 82.401, 327.754.

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, 40.964, 20.473

Trichromacy



Original Color
51, 82.401, 327.754



Protanomaly
47, 78.582, 295.901



Deuteranomaly
49, 55.290, 305.778



Tritanomaly
50, 50.514, 350.770

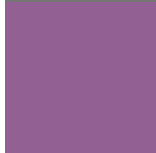
Monochromacy



Original Color
51, 82.401, 327.754



Achromatopsia
49, 0.007, 296.813



Achromatomaly
48, 34.667, 326.236

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 82.401, 327.754 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(198, 60, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 60, 198)  
}
```

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(198, 60, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 60, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 82.401, 327.754 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(198, 60, 198) }
```

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

```
.border{ border-color:rgb(198, 60, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 60, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 60, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 60, 198);  
box-shadow:4px 4px 4px 4px rgb(198, 60,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 82.401, 327.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 60, 198) }
```

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

```
.background{ background-color: rgb(198, 60,  
198) }
```

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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