

Converting Colors

CIELCh(51, 98.631, 330.059)

Have a look what the booklet for
CIELCh(51, 98.631, 330.059)
contains.

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Color

CIELCh(51, 98.476, 330.172)

Conversions

Conversions Part 1

Format	Color
Hex	D902CF
RGB	217, 2, 207
RGB Percent	85%, 1%, 81%
CMY	0.1494, 0.9938, 0.1886
CMYK	0.00, 0.99, 0.05, 0.15
HSL	303°, 99%, 43%
HSV	303°, 99%, 85%
XYZ	39.8493, 19.2686, 60.5843
YIQ	89.6550, 62.3350, 109.3350

Conversions

Conversions Part 2

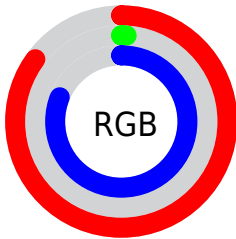
Format	Color
R_{YB}	217, 2, 207
Decimal	14222031
CIE _{Lab}	51.00, 85.43, -48.98
CIE _{LCh}	51, 98.476, 330.172
Yxy	19.2686, 0.3329, 0.1610
Android (android.graphics.Color)	4292412111 (0xFFD902CF)
YUV	89.6550, 57.8511, 111.6816
Hunter-Lab	43.8960, 85.2262, -51.1035

Details

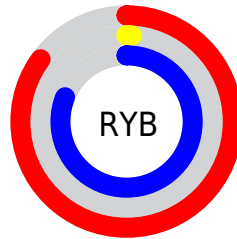
The CIELCh color **51, 98.476, 330.172** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **76, 105.049, 136.347**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **67, 93.125, 327.551**, and **37, 78.478, 329.522** is the 20% darker color. If you saturate the color by 10%, you get **51, 98.581, 330.189**, and if you desaturate by 10%, it is **52, 96.575, 329.928**.

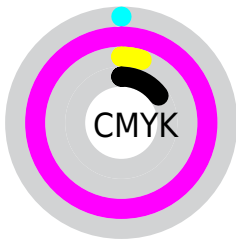
Distribution



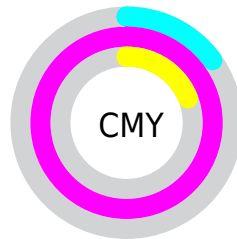
- Red (85%)
- Green (1%)
- Blue (81%)



- Red (85%)
- Yellow (1%)
- Blue (81%)



- Cyan (0%)
- Magenta (99%)
- Yellow (5%)
- Black (15%)





- Cyan (15%)
- Magenta (99%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 98.476, 330.172 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, 98.476, 330.172 by changing the saturation by 10% instead.


 51, 98.476,
330.172


 51, 98.476,
330.172


 100, 98.476,
330.172


 41, 98.476,
330.172


 71, 98.476,
330.172

 31, 98.476,
330.172

 81, 98.476,
330.172

 21, 98.476,
330.172

 91, 98.476,
330.172

 11, 98.476,
330.172

 1, 98.476, 330.172

 0, 98.476, 330.172

■ 51, 98.476,
330.172

■ 51, 98.476,
330.172

■ 51, 98.581,
330.189

■ 52, 96.575,
329.928

■ 53, 92.334,
329.636

■ 55, 85.485,
329.283

■ 58, 76.295,
328.868

■ 62, 65.249,
328.398

■ 66, 52.892,
327.884

■ 71, 39.732,
327.340

■ 76, 26.179,

326.778

■ 82, 12.540,
326.203

Harmonies

Complementary

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



51, 98.476, 330.172



76, 105.049, 136.347

Rectangle

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



51, 98.476, 330.172



51, 98.476, 20.172



51, 98.476, 150.172



51, 98.476, 200.172

Sweetspot

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



51, 98.473, 330.172



82, 46.423, 327.396



27, 117.922, 306.313



41, 31.587, 327.630



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, 98.473, 330.172



60, 111.357, 330.208



47, 74.606, 5.417



43, 7.752, 326.213



41, 83.471, 330.158



7, 33.460, 329.744

Inverse Universe

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



51, 98.473, 330.172



60, 111.357, 330.208



77, 76.161, 150.778



43, 7.752, 326.213



41, 83.471, 330.158



7, 33.460, 329.744

Previews

White Background



This preview shows how the CIELCh color 51, 98.476, 330.172 looks on a white background.

Color Contrast Check

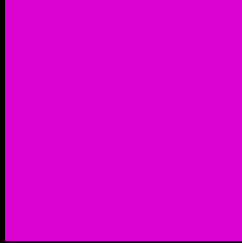
Large Text (above 18pt) WCAG AA ✓ Pass

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, 98.476, 330.172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

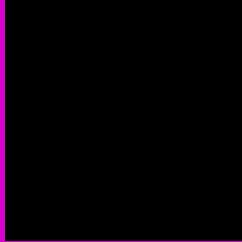
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 98.476, 330.172

Background



This preview shows how black text looks on a background with the CIELCh color 51, 98.476, 330.172.



This preview shows how white text looks on a background with the CIELCh color 51, 98.476, 330.172.

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



Original Color

51, 98.476, 330.172

Protanopia

52, 76.598, 287.394

Deuteranopia

52, 42.010, 280.134



Tritanopia
51, 54.579, 24.794

Trichromacy



Original Color
51, 98.476, 330.172



Protanomaly
43, 93.539, 301.701



Deuteranomaly
45, 71.649, 310.410



Tritanomaly
49, 66.221, 354.163

Monochromacy



Original Color
51, 98.476, 330.172



Achromatopsia
38, 0.005, 296.813



Achromatomaly
38, 51.508, 328.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 98.476, 330.172 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(217, 2, 207)` looks like.

```
.text, #text, p{  
    color:rgb(217, 2, 207)  
}
```

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(217, 2, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 2, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 98.476, 330.172 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(217, 2, 207) }
```

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

```
.border{ border-color:rgb(217, 2, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 2, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 2, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 2, 207);  
box-shadow:4px 4px 4px 4px rgb(217, 2,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 98.476, 330.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 2, 207) }
```

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

```
.background{ background-color: rgb(217, 2,  
207) }
```

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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