

Converting Colors

CIELCh(51, 99.953, 328.933)

Have a look what the booklet for
CIELCh(51, 99.953, 328.933)
contains.

| | |
|--|----|
| CIELCh(51, 99.781, 328.983) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(51, 99.781, 328.983)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D704D3 |
| RGB | 215, 4, 211 |
| RGB Percent | 84%, 2%, 83% |
| CMY | 0.1564, 0.9825, 0.1721 |
| CMYK | 0.00, 0.98, 0.02, 0.16 |
| HSL | 301°, 96%, 43% |
| HSV | 301°, 98%, 84% |
| XYZ | 39.8760, 19.2686, 63.3143 |
| YIQ | 90.6870, 59.3090, 109.1090 |

Conversions

Conversions Part 2

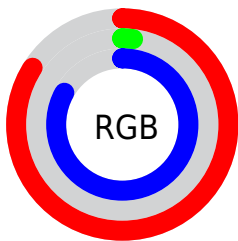
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 215, 4, 211 |
| Decimal | 14091475 |
| CIELab | 51.00, 85.51, -51.42 |
| CIELCh | 51, 99.781, 328.983 |
| Yxy | 19.2686, 0.3256, 0.1573 |
| Android (android.graphics.Color) | 4292281555 (0xFFD704D3) |
| YUV | 90.6870, 59.3143, 109.0225 |
| Hunter-Lab | 43.8960, 85.3349, -54.7908 |

Details

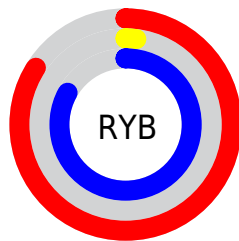
The CIELCh color **51, 99.781, 328.983** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **75, 104.567, 136.209**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **67, 93.125, 327.551**, and **37, 80.079, 327.982** is the 20% darker color. If you saturate the color by 10%, you get **51, 100.126, 329.010**, and if you desaturate by 10%, it is **52, 97.470, 328.836**.

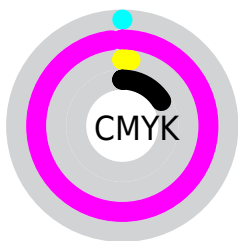
Distribution



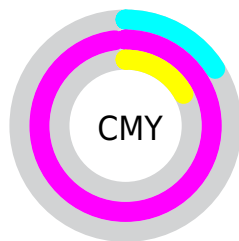
- Red (84%)
- Green (2%)
- Blue (83%)



- Red (84%)
- Yellow (2%)
- Blue (83%)



- Cyan (0%)
- Magenta (98%)
- Yellow (2%)
- Black (16%)





- Cyan (16%)
- Magenta (98%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 99.781, 328.983 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, 99.781, 328.983 by changing the saturation by 10% instead.


 51, 99.781,
328.983


 51, 99.781,
328.983


 100, 99.781,
328.983


 41, 99.781,
328.983


 71, 99.781,
328.983

 31, 99.781,
328.983

 81, 99.781,
328.983

 21, 99.781,
328.983

 91, 99.781,
328.983

 11, 99.781,
328.983

 1, 99.781, 328.983

 0, 99.781, 328.983

51, 99.781,
328.983

51, 99.781,
328.983

51, 100.126,
329.010

52, 97.470,
328.836

53, 92.713,
328.618

56, 85.386,
328.319

59, 75.783,
327.944

62, 64.394,
327.502

67, 51.759,
327.009

71, 38.374,
326.481

76, 24.636,

325.930

■ 82, 10.841,
325.362

Harmonies

Complementary

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



51, 99.781, 328.983



75, 104.567, 136.209

Rectangle

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



51, 99.781, 328.983



51, 99.781, 18.983



51, 99.781, 148.983



51, 99.781, 198.983

Sweetspot

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



51, 99.778, 328.983



83, 45.732, 326.554



27, 116.637, 306.172



42, 31.303, 326.784



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, 99.778, 328.983



60, 113.826, 329.017



46, 74.054, 3.209



42, 7.747, 325.449



40, 84.348, 328.997



6, 32.503, 328.662

Inverse Universe

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



51, 99.778, 328.983



60, 113.826, 329.017



76, 76.423, 150.202



42, 7.747, 325.449



40, 84.348, 328.997



6, 32.503, 328.662

Previews

White Background



This preview shows how the CIELCh color 51, 99.781, 328.983 looks on a white background.

Color Contrast Check

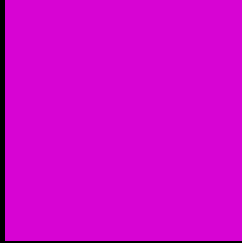
Large Text (above 18pt) WCAG AA ✓ Pass

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, 99.781, 328.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

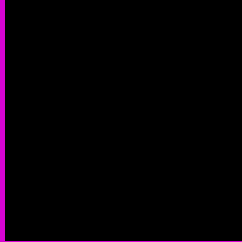
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 99.781, 328.983

Background



This preview shows how black text looks on a background with the CIELCh color 51, 99.781, 328.983.

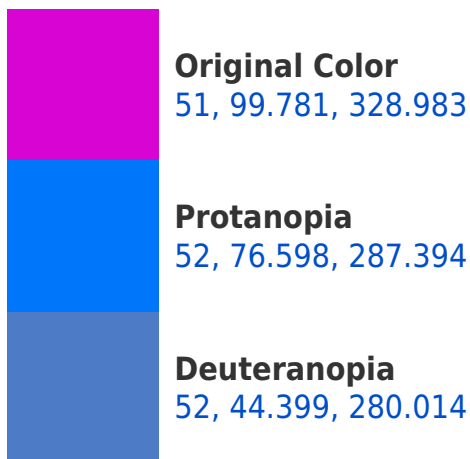


This preview shows how white text looks on a background with the CIELCh color 51, 99.781, 328.983.

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, 52.350, 24.227

Trichromacy



Original Color
51, 99.781, 328.983



Protanomaly
43, 93.500, 301.448



Deuteranomaly
45, 73.142, 308.992



Tritanomaly
49, 65.607, 352.438

Monochromacy



Original Color
51, 99.781, 328.983



Achromatopsia
39, 0.005, 296.813



Achromatomaly
38, 51.119, 327.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 99.781, 328.983 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(215, 4, 211)` looks like.

```
.text, #text, p{  
    color:rgb(215, 4, 211)  
}
```

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(215, 4, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 4, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 99.781, 328.983 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(215, 4, 211) }
```

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

```
.border{ border-color:rgb(215, 4, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 4, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 4, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 4, 211);  
box-shadow:4px 4px 4px 4px rgb(215, 4,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 99.781, 328.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 4, 211) }
```

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

```
.background{ background-color: rgb(215, 4,  
211) }
```

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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