

Converting Colors

CIELCh(51, 99.513, 329.166)

Have a look what the booklet for
CIELCh(51, 99.513, 329.166)
contains.

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Color

CIELCh(51, 99.327, 329.177)

Conversions

Conversions Part 1

Format	Color
Hex	D706D2
RGB	215, 6, 210
RGB Percent	84%, 2%, 82%
CMY	0.1560, 0.9770, 0.1757
CMYK	0.00, 0.97, 0.02, 0.16
HSL	301°, 95%, 43%
HSV	301°, 97%, 84%
XYZ	39.8069, 19.2686, 62.7217
YIQ	91.7470, 59.0800, 107.7520

Conversions

Conversions Part 2

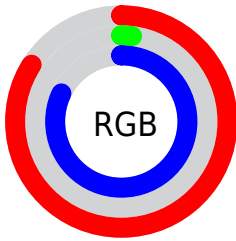
Format	Color
R_{YB}	215, 6, 210
Decimal	14091986
CIE _{Lab}	51.00, 85.30, -50.89
CIE _{LCh}	51, 99.327, 329.177
Yxy	19.2686, 0.3268, 0.1582
Android (android.graphics.Color)	4292282066 (0xFFD706D2)
YUV	91.7470, 58.2987, 108.0929
Hunter-Lab	43.8960, 85.0540, -53.9904

Details

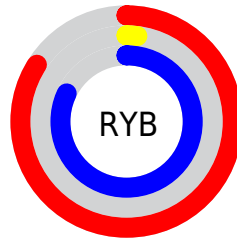
The CIELCh color **51, 99.327, 329.177** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **75, 104.381, 136.261**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 92.684, 327.538**, and **37, 79.682, 328.233** is the 20% darker color. If you saturate the color by 10%, you get **51, 99.770, 329.217**, and if you desaturate by 10%, it is **52, 96.929, 329.010**.

Distribution



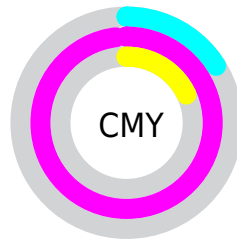
- Red (84%)
- Green (2%)
- Blue (82%)



- Red (84%)
- Yellow (2%)
- Blue (82%)



- Cyan (0%)
- Magenta (97%)
- Yellow (2%)
- Black (16%)





- Cyan (16%)
- Magenta (98%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 99.327, 329.177 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, 99.327, 329.177 by changing the saturation by 10% instead.


 51, 99.327,
329.177


 51, 99.327,
329.177


 100, 99.327,
329.177


 41, 99.327,
329.177


 71, 99.327,
329.177

 31, 99.327,
329.177

 81, 99.327,
329.177

 21, 99.327,
329.177

 91, 99.327,
329.177

 11, 99.327,
329.177

 1, 99.327, 329.177

 0, 99.327, 329.177

51, 99.327,
329.177

51, 99.327,
329.177

51, 99.770,
329.217

52, 96.929,
329.010

53, 92.035,
328.772

56, 84.580,
328.457

59, 74.876,
328.069

63, 63.424,
327.618

67, 50.763,
327.118

72, 37.382,
326.584

77, 23.672,

326.030

■ 82, 9.921, 325.459

Harmonies

Complementary

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



51, 99.327, 329.177



75, 104.381, 136.261

Rectangle

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



51, 99.327, 329.177



51, 99.327, 19.177



51, 99.327, 149.177



51, 99.327, 199.177

Sweetspot

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



51, 99.324, 329.177



83, 45.580, 326.694



27, 116.378, 306.125



42, 31.199, 326.924



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, 99.324, 329.177



60, 113.377, 329.227



47, 73.997, 2.936



42, 7.721, 325.584



40, 84.024, 329.201



6, 32.387, 328.827

Inverse Universe

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



51, 99.324, 329.177



60, 113.377, 329.227



76, 76.158, 150.346



42, 7.721, 325.584



40, 84.024, 329.201



6, 32.387, 328.827

Previews

White Background



This preview shows how the CIELCh color 51, 99.327, 329.177 looks on a white background.

Color Contrast Check

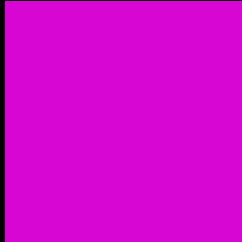
Large Text (above 18pt) WCAG AA ✓ Pass

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, 99.327, 329.177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

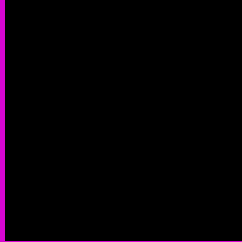
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 99.327, 329.177

Background



This preview shows how black text looks on a background with the CIELCh color 51, 99.327, 329.177.

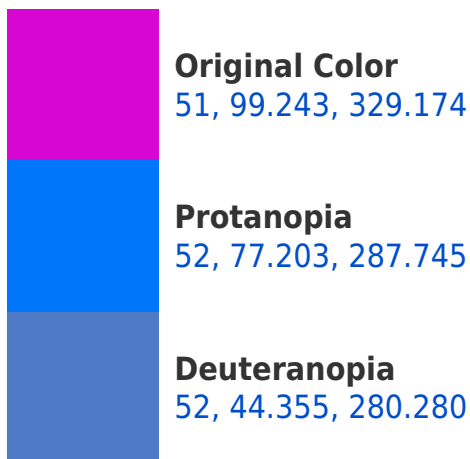


This preview shows how white text looks on a background with the CIELCh color 51, 99.327, 329.177.

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, 99.243, 329.174



Protanomaly
43, 93.500, 301.448



Deuteranomaly
45, 72.616, 309.294



Tritanomaly
49, 65.085, 353.022

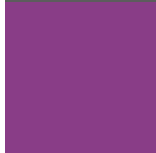
Monochromacy



Original Color
51, 99.243, 329.174



Achromatopsia
39, 0.006, 296.813



Achromatomaly
39, 50.658, 327.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 99.327, 329.177 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, 6, 210)` looks like.

```
.text, #text, p{  
    color:rgb(215, 6, 210)  
}
```

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, 6, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 6, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 99.327, 329.177 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, 6, 210) }
```

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

```
.border{ border-color:rgb(215, 6, 210) }
```

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

Here you see how a box with a 4 pixel rgb(215, 6, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 6, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 6, 210);  
box-shadow:4px 4px 4px 4px rgb(215, 6,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 99.327, 329.177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 6, 210) }
```

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

```
.background{ background-color: rgb(215, 6,  
210) }
```

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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