

Converting Colors

CIELCh(51, 94.140, 326.634)

Have a look what the booklet for
CIELCh(51, 94.140, 326.634)
contains.

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Color

CIELCh(51, 94.398, 326.621)

Conversions

Conversions Part 1

Format	Color
Hex	CD29D4
RGB	205, 41, 212
RGB Percent	80%, 16%, 83%
CMY	0.1967, 0.8402, 0.1693
CMYK	0.03, 0.81, 0.00, 0.17
HSL	298°, 68%, 50%
HSV	298°, 81%, 83%
XYZ	37.7769, 19.2686, 63.9066
YIQ	109.5300, 42.8530, 87.9490

Conversions

Conversions Part 2

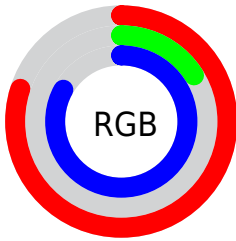
Format	Color
R _Y B	205, 41, 212
Decimal	13445588
CIE Lab	51.00, 78.83, -51.94
CIE LCh	51, 94.398, 326.621
Yxy	19.2686, 0.3123, 0.1593
Android (android.graphics.Color)	4291635668 (0xFFCD29D4)
YUV	109.5300, 50.5177, 83.7272
Hunter-Lab	43.8960, 76.7989, -55.5910

Details

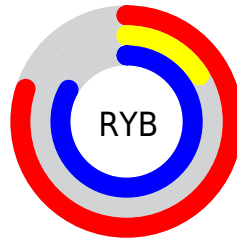
The CIELCh color **51, 94.398, 326.621** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **75, 96.410, 136.636**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 87.603, 327.378**, and **35, 80.760, 325.530** is the 20% darker color. If you saturate the color by 10%, you get **50, 98.673, 326.661**, and if you desaturate by 10%, it is **53, 87.536, 326.462**.

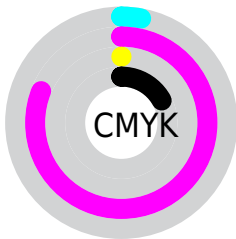
Distribution



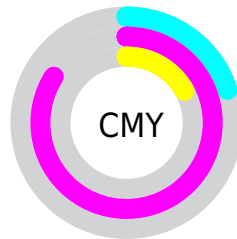
- Red (80%)
- Green (16%)
- Blue (83%)



- Red (80%)
- Yellow (16%)
- Blue (83%)



- Cyan (3%)
- Magenta (81%)
- Yellow (0%)
- Black (17%)





- Cyan (20%)
- Magenta (84%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 94.398, 326.621 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, 94.398, 326.621 by changing the saturation by 10% instead.


 51, 94.398,
326.621


 51, 94.398,
326.621


 100, 94.398,
326.621


 41, 94.398,
326.621


 71, 94.398,
326.621

 31, 94.398,
326.621

 81, 94.398,
326.621

 21, 94.398,
326.621

 91, 94.398,
326.621

 11, 94.398,
326.621

 1, 94.398, 326.621

 0, 94.398, 326.621

■ 51, 94.398,
326.621

■ 51, 94.398,
326.621

■ 50, 98.673,
326.661

■ 53, 87.536,
326.462

■ 49, 100.686,
326.609

■ 56, 78.347,
326.194

■ 60, 67.303,
325.835

■ 64, 54.949,
325.405

■ 69, 41.787,
324.925

■ 74, 28.225,
324.415

■ 79, 14.569,
323.887

■ 84, 1.028, 323.133

■ 90, 12.262,
142.899

Harmonies

Complementary

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



51, 94.398, 326.621



75, 96.410, 136.636

Rectangle

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



51, 94.398, 326.621



51, 94.398, 16.621



51, 94.398, 146.621



51, 94.398, 196.621

Sweetspot

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



51, 94.396, 326.621



85, 37.944, 324.596



33, 98.050, 302.758



43, 26.058, 324.780



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, 94.396, 326.621



59, 115.279, 326.618



49, 70.954, 351.703



42, 7.749, 323.815



39, 85.779, 326.633



6, 32.706, 326.601

Inverse Universe

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



47, 75.637, 31.780



53, 101.443, 38.203



75, 71.365, 150.689



42, 4.551, 16.614



35, 75.628, 38.212



5, 21.972, 17.941

Previews

White Background



This preview shows how the CIELCh color 51, 94.398, 326.621 looks on a white background.

Color Contrast Check

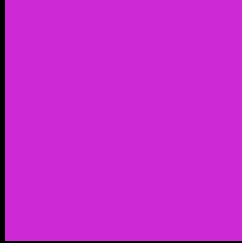
Large Text (above 18pt) WCAG AA ✓ Pass

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, 94.398, 326.621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

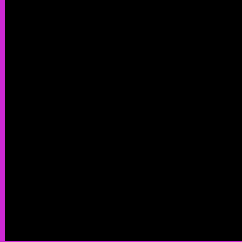
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 94.398, 326.621

Background



This preview shows how black text looks on a background with the CIELCh color 51, 94.398, 326.621.



This preview shows how white text looks on a background with the CIELCh color 51, 94.398, 326.621.

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, 94.398, 326.621

Protanopia

52, 76.133, 287.392

Deuteranopia

52, 45.692, 279.406



Tritanopia
51, 44.137, 21.404

Trichromacy



Original Color
51, 94.398, 326.621



Protanomaly
45, 85.119, 298.227



Deuteranomaly
47, 65.629, 304.682



Tritanomaly
50, 56.818, 349.125

Monochromacy



Original Color
51, 94.398, 326.621



Achromatopsia
46, 0.006, 296.813



Achromatomaly
45, 42.325, 325.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 94.398, 326.621 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(205, 41, 212)` looks like.

```
.text, #text, p{  
    color:rgb(205, 41, 212)  
}
```

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(205, 41, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 41, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 94.398, 326.621 is called "border". The border property can be set on classes, ids or directly on the HTML element.

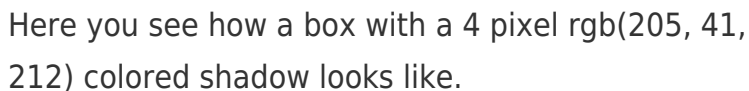
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 41, 212) }
```

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

```
.border{ border-color:rgb(205, 41, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 41, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 41, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 41, 212);  
box-shadow:4px 4px 4px 4px rgb(205, 41,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 94.398, 326.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 41, 212) }
```

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

```
.background{ background-color: rgb(205, 41,  
212) }
```

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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