

Converting Colors

CIELCh(51, 99.014, 327.805)

Have a look what the booklet for
CIELCh(51, 99.014, 327.805)
contains.

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Color

CIELCh(51, 98.811, 327.970)

Conversions

Conversions Part 1

Format	Color
Hex	D414D5
RGB	212, 20, 213
RGB Percent	83%, 8%, 84%
CMY	0.1696, 0.9199, 0.1656
CMYK	0.00, 0.90, 0.00, 0.17
HSL	300°, 82%, 46%
HSV	300°, 90%, 83%
XYZ	39.3210, 19.2686, 64.4467
YIQ	99.4100, 52.4790, 100.7270

Conversions

Conversions Part 2

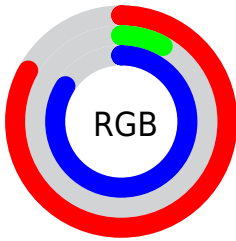
Format	Color
R _Y B	212, 20, 213
Decimal	13898965
CIE Lab	51.00, 83.77, -52.41
CIE LCh	51, 98.811, 327.970
Yxy	19.2686, 0.3196, 0.1566
Android (android.graphics.Color)	4292089045 (0xFFD414D5)
YUV	99.4100, 55.9999, 98.7414
Hunter-Lab	43.8960, 83.0780, -56.3203

Details

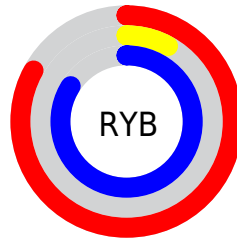
The CIELCh color **51, 98.811, 327.970** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **75, 101.998, 136.349**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 91.340, 327.496**, and **36, 80.555, 326.994** is the 20% darker color. If you saturate the color by 10%, you get **50, 100.833, 328.022**, and if you desaturate by 10%, it is **52, 94.572, 327.839**.

Distribution



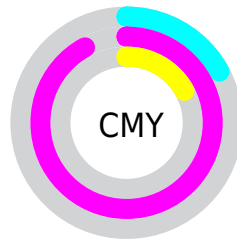
- Red (83%)
- Green (8%)
- Blue (84%)



- Red (83%)
- Yellow (8%)
- Blue (84%)



- Cyan (0%)
- Magenta (90%)
- Yellow (0%)
- Black (17%)





- Cyan (17%)
- Magenta (92%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 98.811, 327.970 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, 98.811, 327.970 by changing the saturation by 10% instead.


 51, 98.811,
327.970


 51, 98.811,
327.970


 100, 98.811,
327.970


 41, 98.811,
327.970


 71, 98.811,
327.970


 31, 98.811,
327.970


 81, 98.811,
327.970

 21, 98.811,
327.970

 91, 98.811,
327.970

 11, 98.811,
327.970

 1, 98.811, 327.970

 0, 98.811, 327.970

■ 51, 98.811,
327.970

■ 51, 98.811,
327.970

■ 50, 100.833,
328.022

■ 52, 94.572,
327.839

■ 54, 87.764,
327.613

■ 57, 78.606,
327.295

■ 61, 67.548,
326.899

■ 65, 55.126,
326.440

■ 70, 41.845,
325.935

■ 74, 28.127,
325.401

■ 80, 14.290,

324.849

■ 85, 0.557, 323.843

Harmonies

Complementary

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



51, 98.811, 327.970



75, 101.998, 136.349

Rectangle

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



51, 98.811, 327.970



51, 98.811, 17.970



51, 98.811, 147.970



51, 98.811, 197.970

Sweetspot

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



51, 98.809, 327.970



84, 43.092, 325.771



28, 110.661, 305.221



43, 28.998, 325.952



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, 98.809, 327.970



60, 115.591, 328.020



47, 72.977, 357.220



42, 7.835, 324.794



40, 85.623, 328.026



6, 32.921, 327.859

Inverse Universe

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



45, 85.528, 37.333



53, 104.363, 39.854



75, 74.759, 150.231



42, 4.549, 19.503



35, 77.124, 39.686



5, 21.995, 19.533

Previews

White Background



This preview shows how the CIELCh color 51, 98.811, 327.970 looks on a white background.

Color Contrast Check

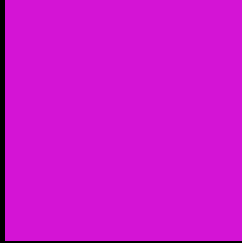
Large Text (above 18pt) WCAG AA ✓ Pass

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, 98.811, 327.970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

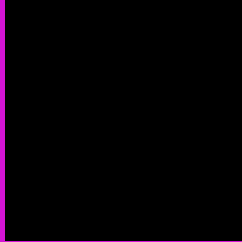
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 98.811, 327.970

Background



This preview shows how black text looks on a background with the CIELCh color 51, 98.811, 327.970.



This preview shows how white text looks on a background with the CIELCh color 51, 98.811, 327.970.

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, 98.950, 327.975

Protanopia

52, 76.668, 287.570

Deuteranopia

52, 45.649, 279.646



Tritanopia
51, 49.542, 22.925

Trichromacy



Original Color
51, 98.950, 327.975



Protanomaly
44, 89.911, 300.155



Deuteranomaly
46, 70.558, 306.861



Tritanomaly
49, 62.122, 351.323

Monochromacy



Original Color
51, 98.950, 327.975



Achromatopsia
42, 0.006, 296.813



Achromatomaly
41, 47.863, 326.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 98.811, 327.970 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(212, 20, 213)` looks like.

```
.text, #text, p{  
    color:rgb(212, 20, 213)  
}
```

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(212, 20, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 20, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 98.811, 327.970 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(212, 20, 213) }
```

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

```
.border{ border-color:rgb(212, 20, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 20, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 20, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 20, 213);  
box-shadow:4px 4px 4px 4px rgb(212, 20,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 98.811, 327.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 20, 213) }
```

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

```
.background{ background-color: rgb(212, 20,  
213) }
```

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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