

Converting Colors

CIELCh(51, 83.294, 334.828)

Have a look what the booklet for
CIELCh(51, 83.294, 334.828)
contains.

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Color

CIELCh(51, 83.087, 334.871)

Conversions

Conversions Part 1

Format	Color
Hex	D42CB7
RGB	212, 44, 183
RGB Percent	83%, 17%, 72%
CMY	0.1679, 0.8265, 0.2817
CMYK	0.00, 0.79, 0.14, 0.17
HSL	310°, 66%, 50%
HSV	310°, 79%, 83%
XYZ	36.6767, 19.2686, 46.6746
YIQ	110.0780, 55.5090, 78.8450

Conversions

Conversions Part 2

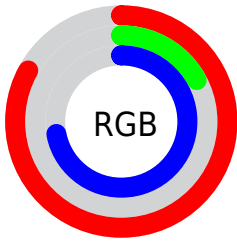
Format	Color
R _Y B	212, 44, 183
Decimal	13905079
CIE Lab	51.00, 75.22, -35.28
CIE LCh	51, 83.087, 334.871
Yxy	19.2686, 0.3574, 0.1878
Android (android.graphics.Color)	4292095159 (0xFFD42CB7)
YUV	110.0780, 35.9505, 89.3856
Hunter-Lab	43.8960, 72.3252, -32.3158

Details

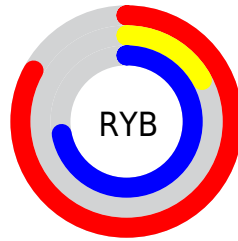
The CIELCh color **51, 83.087, 334.871** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **75, 87.637, 140.982**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 80.975, 330.948**, and **35, 69.946, 335.517** is the 20% darker color. If you saturate the color by 10%, you get **49, 86.580, 335.673**, and if you desaturate by 10%, it is **53, 77.042, 334.131**.

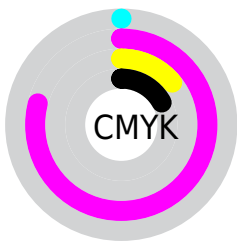
Distribution



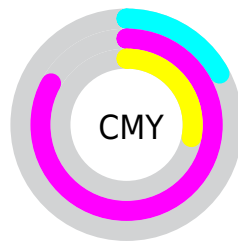
- Red (83%)
- Green (17%)
- Blue (72%)



- Red (83%)
- Yellow (17%)
- Blue (72%)



- Cyan (0%)
- Magenta (79%)
- Yellow (14%)
- Black (17%)





- Cyan (17%)
- Magenta (83%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 83.087, 334.871 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, 83.087, 334.871 by changing the saturation by 10% instead.


 51, 83.087,
334.871


 51, 83.087,
334.871


 100, 83.087,
334.871


 41, 83.087,
334.871


 71, 83.087,
334.871

 31, 83.087,
334.871

 81, 83.087,
334.871

 21, 83.087,
334.871

 91, 83.087,
334.871

 11, 83.087,
334.871

 1, 83.087, 334.871

 0, 83.087, 334.871

■ 51, 83.087,
334.871

■ 51, 83.087,
334.871

■ 49, 86.580,
335.673

■ 53, 77.042,
334.131

■ 48, 87.753,
336.559

■ 57, 68.765,
333.426

■ 48, 87.818,
336.636

■ 60, 58.756,
332.741

■ 65, 47.557,
332.070

■ 70, 35.650,
331.410

■ 75, 23.417,
330.763

■ 80, 11.131,
330.123

■ 85, 1.023, 149.855

■ 91, 12.930,
148.991

Harmonies

Complementary

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



51, 83.087, 334.871



75, 87.637, 140.982

Rectangle

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



51, 83.087, 334.871



51, 83.087, 24.871



51, 83.087, 154.871



51, 83.087, 204.871

Sweetspot

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



51, 83.084, 334.871



85, 34.104, 331.092



34, 99.405, 305.724



43, 23.420, 331.326



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, 83.084, 334.871



58, 100.534, 336.275



48, 67.054, 8.536



42, 6.963, 330.141



39, 74.874, 336.488



6, 29.023, 334.620

Inverse Universe

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



51, 83.084, 334.871



58, 100.534, 336.275



76, 56.625, 163.472



42, 6.963, 330.141



39, 74.874, 336.488



6, 29.023, 334.620

Previews

White Background



This preview shows how the CIELCh color 51, 83.087, 334.871 looks on a white background.

Color Contrast Check

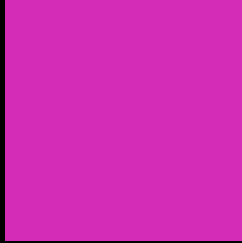
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83.087, 334.871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

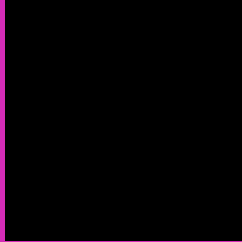
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 83.087, 334.871

Background



This preview shows how black text looks on a background with the CIELCh color 51, 83.087, 334.871.

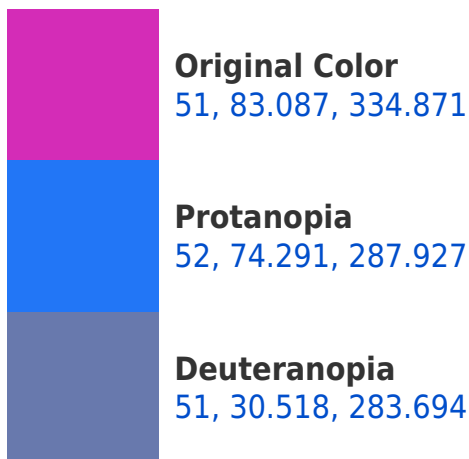


This preview shows how white text looks on a background with the CIELCh color 51, 83.087, 334.871.

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, 53.748, 24.629

Trichromacy



Original Color
51, 83.087, 334.871



Protanomaly
46, 77.469, 300.727



Deuteranomaly
48, 51.794, 314.423



Tritanomaly
50, 58.471, 0.439

Monochromacy



Original Color
51, 83.087, 334.871



Achromatopsia
46, 0.006, 296.813



Achromatomaly
45, 37.556, 331.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 83.087, 334.871 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, 44, 183)` looks like.

```
.text, #text, p{  
    color:rgb(212, 44, 183)  
}
```

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, 44, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 44, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 83.087, 334.871 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, 44, 183) }
```

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

```
.border{ border-color:rgb(212, 44, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 44, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 44, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 44, 183);  
box-shadow:4px 4px 4px 4px rgb(212, 44,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 83.087, 334.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 44, 183) }
```

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

```
.background{ background-color: rgb(212, 44,  
183) }
```

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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