

Converting Colors

CIELCh(48, 81.976, 343.451)

Have a look what the booklet for
CIELCh(48, 81.976, 343.451)
contains.

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Color

CIELCh(48, 81.937, 343.593)

Conversions

Conversions Part 1

Format	Color
Hex	D7019B
RGB	215, 1, 155
RGB Percent	84%, 0%, 61%
CMY	0.1578, 0.9954, 0.3930
CMYK	0.00, 0.99, 0.28, 0.16
HSL	317°, 99%, 42%
HSV	317°, 99%, 84%
XYZ	33.8641, 16.7945, 32.3745
YIQ	82.5420, 78.1100, 93.2620

Conversions

Conversions Part 2

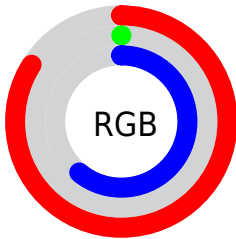
Format	Color
R_{YB}	215, 1, 155
Decimal	14090651
CIE _{Lab}	48.00, 78.60, -23.14
CIE _{LCh}	48, 81.937, 343.593
Yxy	16.7945, 0.4078, 0.2023
Android (android.graphics.Color)	4292280731 (0xFFD7019B)
YUV	82.5420, 35.7218, 116.1657
Hunter-Lab	40.9810, 75.7841, -18.1516

Details

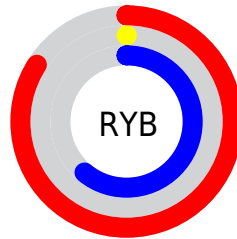
The CIELCh color **48, 81.937, 343.593** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **75, 94.558, 140.467**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **65, 78.477, 338.528**, and **34, 62.685, 346.741** is the 20% darker color. If you saturate the color by 10%, you get **48, 81.955, 343.690**, and if you desaturate by 10%, it is **49, 81.194, 341.894**.

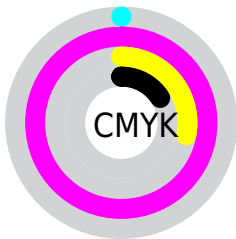
Distribution



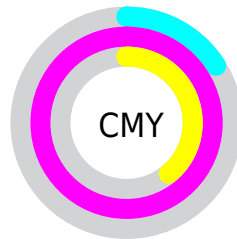
- Red (84%)
- Green (0%)
- Blue (61%)



- Red (84%)
- Yellow (0%)
- Blue (61%)



- Cyan (0%)
- Magenta (99%)
- Yellow (28%)
- Black (16%)





- Cyan (16%)
- Magenta (100%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 81.937, 343.593 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 48, 81.937, 343.593 by changing the saturation by 10% instead.


 48, 81.937,
343.593


 48, 81.937,
343.593


 100, 81.937,
343.593


 38, 81.937,
343.593

 68, 81.937,
343.593


 28, 81.937,
343.593

 78, 81.937,
343.593

 18, 81.937,
343.593


 88, 81.937,
343.593

 8, 81.937, 343.593

 98, 81.937,
343.593

 0, 81.937, 343.593

 48, 81.937,

 48, 81.937,

343.593

343.593

■ 48, 81.955,
343.690

■ 49, 81.194,
341.894

■ 51, 78.188,
340.460

■ 53, 72.659,
339.250

■ 57, 64.930,
338.198

■ 61, 55.519,
337.258

■ 65, 44.972,
336.398

■ 70, 33.769,
335.598

■ 75, 22.278,
334.844

■ 81, 10.762,
334.121

Harmonies

Complementary

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



48, 81.937, 343.593



75, 94.558, 140.467

Rectangle

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



48, 81.937, 343.593



48, 81.937, 33.593



48, 81.937, 163.593



48, 81.937, 213.593

Sweetspot

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



48, 81.934, 343.593



81, 39.531, 335.663



29, 114.542, 307.836



41, 26.923, 335.999



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48, 81.934, 343.593



57, 93.128, 343.889



45, 80.014, 27.179



42, 6.448, 334.119



38, 69.311, 343.376



6, 26.826, 340.012

Inverse Universe

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



48, 81.934, 343.593



57, 93.128, 343.889



77, 57.037, 167.492



42, 6.448, 334.119



38, 69.311, 343.376



6, 26.826, 340.012

Previews

White Background



This preview shows how the CIELCh color 48, 81.937, 343.593 looks on a white background.

Color Contrast Check

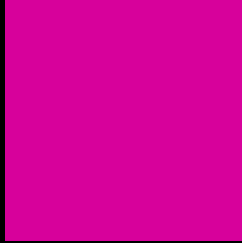
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 48, 81.937, 343.593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

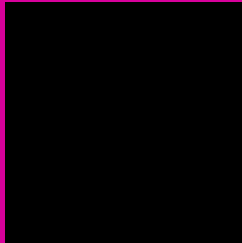
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 81.937, 343.593

Background



This preview shows how black text looks on a background with the CIELCh color 48, 81.937, 343.593.



This preview shows how white text looks on a background with the CIELCh color 48, 81.937, 343.593.

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

48, 82.027, 343.581

Protanopia

49, 63.449, 287.332

Deuteranopia

49, 18.843, 291.540



Tritanopia
48, 65.914, 29.341

Trichromacy



Original Color
48, 82.027, 343.581

Protanomaly
42, 74.275, 307.789

Deuteranomaly
43, 51.866, 327.055

Tritanomaly
47, 67.675, 8.939

Monochromacy



Original Color
48, 82.027, 343.581

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 43.728, 338.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 81.937, 343.593 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, 1, 155)` looks like.

```
.text, #text, p{  
    color:rgb(215, 1, 155)  
}
```

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, 1, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 1, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 81.937, 343.593 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, 1, 155) }
```

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

```
.border{ border-color:rgb(215, 1, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 1, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 1, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 1, 155);  
box-shadow:4px 4px 4px 4px rgb(215, 1,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 81.937, 343.593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 1, 155) }
```

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

```
.background{ background-color: rgb(215, 1,  
155) }
```

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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