

Converting Colors

CIELCh(48, 82.719, 343.438)

Have a look what the booklet for
CIELCh(48, 82.719, 343.438)
contains.

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Color

CIELCh(48, 82.373, 343.234)

Conversions

Conversions Part 1

Format	Color
Hex	D7009C
RGB	215, 0, 156
RGB Percent	84%, 0%, 61%
CMY	0.1577, 1.0000, 0.3889
CMYK	0.00, 1.00, 0.27, 0.16
HSL	316°, 100%, 42%
HSV	316°, 100%, 84%
XYZ	33.9418, 16.7945, 32.8261
YIQ	82.0690, 78.0640, 94.0960

Conversions

Conversions Part 2

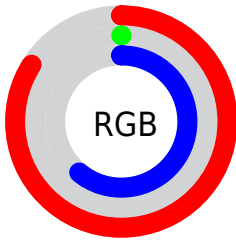
Format	Color
R_{YB}	215, 0, 156
Decimal	14090396
CIE _{Lab}	48.00, 78.87, -23.76
CIE _{LCh}	48, 82.373, 343.234
Yxy	16.7945, 0.4062, 0.2010
Android (android.graphics.Color)	4292280476 (0xFFD7009C)
YUV	82.0690, 36.4480, 116.5805
Hunter-Lab	40.9810, 76.1226, -18.8049

Details

The CIELCh color **48, 82.373, 343.234** 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, 95.232, 140.200**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **65, 78.789, 338.225**, and **34, 62.685, 346.741** is the 20% darker color. If you saturate the color by 10%, you get **48, 82.308, 343.243**, and if you desaturate by 10%, it is **49, 81.626, 341.587**.

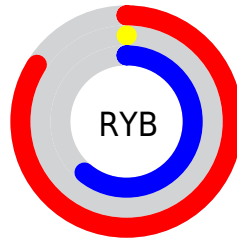
Distribution



Red (84%)

Green (0%)

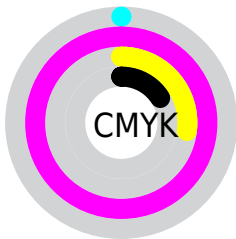
Blue (61%)



Red (84%)

Yellow (0%)

Blue (61%)

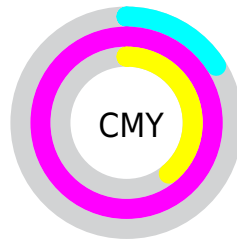


Cyan (0%)

Magenta (100%)

Yellow (27%)

Black (16%)



Cyan (16%)


Magenta (100%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 82.373, 343.234 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, 82.373, 343.234 by changing the saturation by 10% instead.


 48, 82.373,
343.234


 48, 82.373,
343.234


 100, 82.373,
343.234


 38, 82.373,
343.234

 68, 82.373,
343.234

 28, 82.373,
343.234

 78, 82.373,
343.234

 18, 82.373,
343.234

 88, 82.373,
343.234

 8, 82.373, 343.234

 98, 82.373,
343.234

 0, 82.373, 343.234

 48, 82.373,

 48, 82.373,

343.234

343.234

■ 48, 82.308,
343.243

■ 49, 81.626,
341.587

■ 51, 78.742,
340.181

■ 53, 73.323,
338.991

■ 56, 65.673,
337.955

■ 60, 56.305,
337.027

■ 65, 45.767,
336.175

■ 70, 34.544,
335.381

■ 75, 23.013,
334.632

■ 80, 11.442,
333.914

Harmonies

Complementary

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



48, 82.373, 343.234



75, 95.232, 140.200

Rectangle

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



48, 82.373, 343.234



48, 82.373, 33.234



48, 82.373, 163.234



48, 82.373, 213.234

Sweetspot

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



48, 82.308, 343.243



81, 39.700, 335.404



29, 114.840, 307.837



41, 27.037, 335.736



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, 82.308, 343.243



57, 93.518, 343.435



45, 80.310, 27.461



42, 6.477, 333.872



38, 69.599, 342.939



6, 26.945, 339.671

Inverse Universe

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



48, 82.308, 343.243



57, 93.518, 343.435



77, 57.171, 167.387



42, 6.477, 333.872



38, 69.599, 342.939



6, 26.945, 339.671

Previews

White Background



This preview shows how the CIELCh color 48, 82.373, 343.234 looks on a white background.

Color Contrast Check

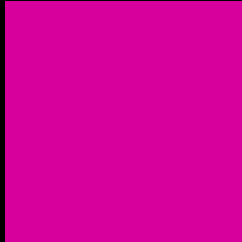
Large Text (above 18pt) WCAG AA ✓ Pass

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, 82.373, 343.234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

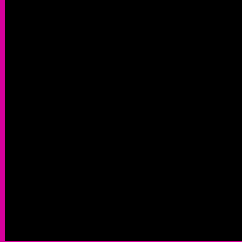
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 82.373, 343.234

Background



This preview shows how black text looks on a background with the CIELCh color 48, 82.373, 343.234.

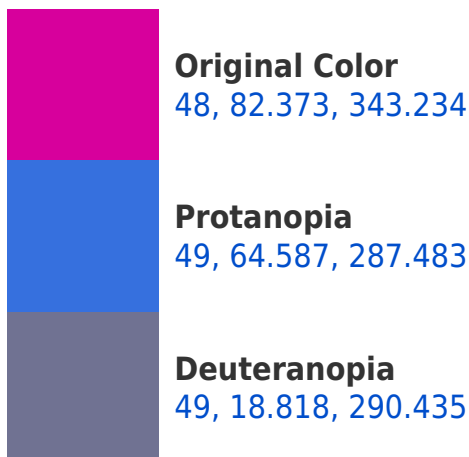


This preview shows how white text looks on a background with the CIELCh color 48, 82.373, 343.234.

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
48, 65.914, 29.341

Trichromacy



Original Color
48, 82.373, 343.234



Protanomaly
41, 75.963, 307.454



Deuteranomaly
43, 51.717, 326.651



Tritanomaly
47, 67.675, 8.939

Monochromacy



Original Color
48, 82.373, 343.234



Achromatopsia
35, 0.005, 296.813



Achromatomaly
35, 44.098, 337.484

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 82.373, 343.234 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, 0, 156)` looks like.

```
.text, #text, p{  
    color:rgb(215, 0, 156)  
}
```

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, 0, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 0, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 82.373, 343.234 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, 0, 156) }
```

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

```
.border{ border-color:rgb(215, 0, 156) }
```

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

Here you see how a box with a 4 pixel rgb(215, 0, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 0, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 0, 156);  
box-shadow:4px 4px 4px 4px rgb(215, 0,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 82.373, 343.234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 0, 156) }
```

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

```
.background{ background-color: rgb(215, 0,  
156) }
```

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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