

Converting Colors

CIELCh(48, 84.835, 340.087)

Have a look what the booklet for
CIELCh(48, 84.835, 340.087)
contains.

CIELCh(48, 84.387, 340.184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(48, 84.387, 340.184)

Conversions

Conversions Part 1

Format	Color
Hex	D500A4
RGB	213, 0, 164
RGB Percent	84%, 0%, 64%
CMY	0.1652, 1.0000, 0.3573
CMYK	0.00, 1.00, 0.23, 0.17
HSL	314°, 100%, 42%
HSV	314°, 100%, 83%
XYZ	34.0909, 16.7945, 36.5145
YIQ	82.3830, 74.3040, 96.1600

Conversions

Conversions Part 2

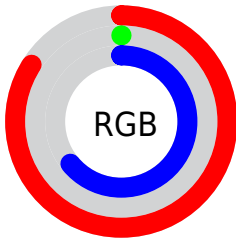
Format	Color
R_{YB}	213, 0, 164
Decimal	13959332
CIE _{Lab}	48.00, 79.39, -28.61
CIE _{LCh}	48, 84.387, 340.184
Yxy	16.7945, 0.3901, 0.1922
Android (android.graphics.Color)	4292149412 (0xFFD500A4)
YUV	82.3830, 40.2372, 114.5511
Hunter-Lab	40.9810, 76.7721, -24.1412

Details

The CIELCh color **48, 84.387, 340.184** 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, 97.129, 139.073**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **65, 81.805, 335.884**, and **34, 64.556, 342.321** is the 20% darker color. If you saturate the color by 10%, you get **48, 84.347, 340.188**, and if you desaturate by 10%, it is **49, 83.530, 338.896**.

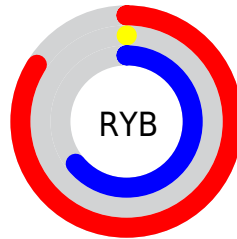
Distribution



Red (84%)

Green (0%)

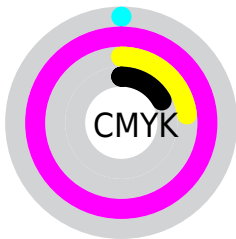
Blue (64%)



Red (84%)

Yellow (0%)

Blue (64%)

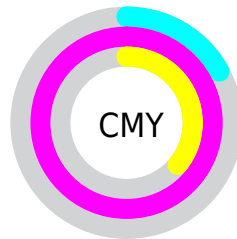


Cyan (0%)

Magenta (100%)

Yellow (23%)

Black (17%)



Cyan (17%)

Magenta (100%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 84.387, 340.184 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, 84.387, 340.184 by changing the saturation by 10% instead.

 48, 84.387,
340.184

 48, 84.387,
340.184

 100, 84.387,
340.184

 38, 84.387,
340.184

 68, 84.387,
340.184

 28, 84.387,
340.184

 78, 84.387,
340.184


 18, 84.387,
340.184


 88, 84.387,
340.184

 8, 84.387, 340.184

 98, 84.387,
340.184

 0, 84.387, 340.184

 48, 84.387,

 48, 84.387,

340.184

340.184

■ 48, 84.347,
340.188

■ 49, 83.530,
338.896

■ 51, 80.506,
337.772

■ 53, 74.937,
336.792

■ 56, 67.124,
335.910

■ 60, 57.569,
335.096

■ 64, 46.819,
334.328

■ 69, 35.358,
333.597

■ 74, 23.569,
332.895

■ 80, 11.725,
332.214

Harmonies

Complementary

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



48, 84.387, 340.184



75, 97.129, 139.073

Rectangle

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



48, 84.387, 340.184



48, 84.387, 30.184



48, 84.387, 160.184



48, 84.387, 210.184

Sweetspot

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



48, 84.347, 340.188



82, 40.932, 333.619



28, 114.881, 307.339



41, 27.869, 333.927



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, 84.347, 340.188



57, 96.491, 340.344



45, 77.434, 23.194



42, 6.685, 332.175



38, 71.777, 339.963



6, 27.823, 337.344

Inverse Universe

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



48, 84.347, 340.188



57, 96.491, 340.344



76, 60.560, 162.987



42, 6.685, 332.175



38, 71.777, 339.963



6, 27.823, 337.344

Previews

White Background



This preview shows how the CIELCh color 48, 84.387, 340.184 looks on a white background.

Color Contrast Check

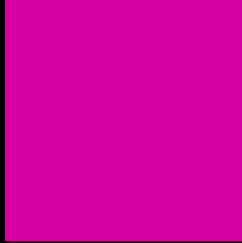
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84.387, 340.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

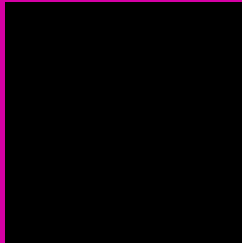
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 84.387, 340.184

Background



This preview shows how black text looks on a background with the CIELCh color 48, 84.387, 340.184.



This preview shows how white text looks on a background with the CIELCh color 48, 84.387, 340.184.

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, 84.387, 340.184

Protanopia
49, 70.921, 287.780

Deuteranopia
49, 22.988, 287.120



Tritanopia
48, 62.776, 28.462

Trichromacy



Original Color
48, 84.387, 340.184



Protanomaly
41, 81.614, 304.673



Deuteranomaly
43, 54.613, 323.137



Tritanomaly
47, 66.621, 5.759

Monochromacy



Original Color
48, 84.387, 340.184



Achromatopsia
35, 0.005, 296.813



Achromatomaly
35, 45.224, 335.748

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 84.387, 340.184 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(213, 0, 164)` looks like.

```
.text, #text, p{  
    color:rgb(213, 0, 164)  
}
```

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(213, 0, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 0, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 84.387, 340.184 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(213, 0, 164) }
```

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

```
.border{ border-color:rgb(213, 0, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 0, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 0, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 0, 164);  
box-shadow:4px 4px 4px 4px rgb(213, 0,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 84.387, 340.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 0, 164) }
```

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

```
.background{ background-color: rgb(213, 0,  
164) }
```

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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