

Converting Colors

CIELCh(47, 77.669, 349.076)

Have a look what the booklet for
CIELCh(47, 77.669, 349.076)
contains.

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Color

CIELCh(47, 77.631, 349.252)

Conversions

Conversions Part 1

Format	Color
Hex	D5038A
RGB	213, 3, 138
RGB Percent	84%, 1%, 54%
CMY	0.1655, 0.9868, 0.4595
CMYK	0.00, 0.98, 0.35, 0.17
HSL	321°, 97%, 42%
HSV	321°, 98%, 83%
XYZ	31.9960, 16.0195, 25.3877
YIQ	81.1800, 81.8250, 86.5050

Conversions

Conversions Part 2

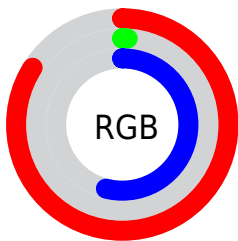
Format	Color
R_{YB}	213, 3, 138
Decimal	13960074
CIE _{Lab}	47.00, 76.27, -14.48
CIE _{LCh}	47, 77.631, 349.252
Yxy	16.0195, 0.4359, 0.2182
Android (android.graphics.Color)	4292150154 (0xFFD5038A)
YUV	81.1800, 28.0123, 115.6061
Hunter-Lab	40.0243, 72.6527, -9.5911

Details

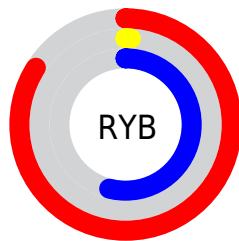
The CIELCh color **47, 77.631, 349.252** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **75, 88.175, 143.159**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 73.509, 344.778**, and **33, 59.218, 354.527** is the 20% darker color. If you saturate the color by 10%, you get **47, 77.693, 349.650**, and if you desaturate by 10%, it is **48, 76.773, 346.865**.

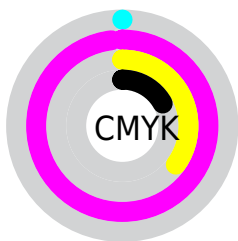
Distribution



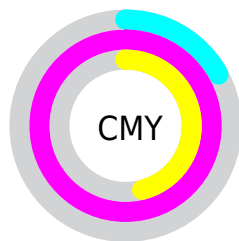
- Red (84%)
- Green (1%)
- Blue (54%)



- Red (84%)
- Yellow (1%)
- Blue (54%)



- Cyan (0%)
- Magenta (98%)
- Yellow (35%)
- Black (17%)




- Cyan (17%)
- Magenta (99%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 77.631, 349.252 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 47, 77.631, 349.252 by changing the saturation by 10% instead.

 47, 77.631,
349.252


 47, 77.631,
349.252

 100, 77.631,
349.252

 37, 77.631,
349.252

 67, 77.631,
349.252


 27, 77.631,
349.252

 77, 77.631,
349.252

 17, 77.631,
349.252

 87, 77.631,
349.252

 7, 77.631, 349.252

 97, 77.631,
349.252

 0, 77.631, 349.252

 47, 77.631,

 47, 77.631,

349.252

349.252

■ 47, 77.693,
349.650

■ 48, 76.773,
346.865

■ 50, 73.652,
344.916

■ 53, 68.129,
343.325

■ 56, 60.554,
341.995

■ 60, 51.449,
340.849

■ 65, 41.344,
339.838

■ 70, 30.692,
338.925

■ 75, 19.833,
338.085

Harmonies

Complementary

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



47, 77.631, 349.252



75, 88.175, 143.159

Rectangle

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



47, 77.631, 349.252



47, 77.631, 39.252



47, 77.631, 169.252



47, 77.631, 219.252

Sweetspot

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



47, 77.627, 349.253



81, 37.515, 339.091



30, 111.615, 308.981



41, 25.565, 339.476



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



47, 77.627, 349.253



56, 88.879, 349.955



45, 83.298, 32.751



42, 6.102, 337.373



37, 66.157, 349.210



5, 25.449, 344.587

Inverse Universe

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



47, 77.627, 349.253



56, 88.879, 349.955



77, 50.788, 176.307



42, 6.102, 337.373



37, 66.157, 349.210



5, 25.449, 344.587

Previews

White Background



This preview shows how the CIELCh color 47, 77.631, 349.252 looks on a white background.

Color Contrast Check

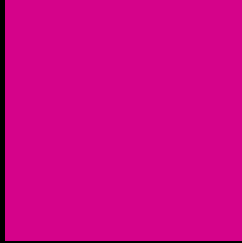
Large Text (above 18pt) WCAG AA ✓ Pass

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 47, 77.631, 349.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

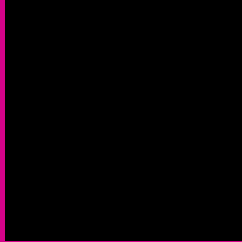
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 77.631, 349.252

Background



This preview shows how black text looks on a background with the CIELCh color 47, 77.631, 349.252.



This preview shows how white text looks on a background with the CIELCh color 47, 77.631, 349.252.

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, 69.004, 30.817

Trichromacy



Original Color
47, 77.720, 349.232



Protanomaly
41, 63.133, 312.433



Deuteranomaly
43, 45.903, 335.975



Tritanomaly
46, 68.849, 13.968

Monochromacy



Original Color
47, 77.720, 349.232



Achromatopsia
34, 0.005, 296.813



Achromatomaly
34, 40.883, 341.637

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 77.631, 349.252 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, 3, 138)` looks like.

```
.text, #text, p{  
    color:rgb(213, 3, 138)  
}
```

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, 3, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 3, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 77.631, 349.252 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, 3, 138) }
```

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

```
.border{ border-color:rgb(213, 3, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 3, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 3, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 3, 138);  
box-shadow:4px 4px 4px 4px rgb(213, 3,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 77.631, 349.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 3, 138) }
```

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

```
.background{ background-color: rgb(213, 3,  
138) }
```

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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