

Converting Colors

CIELCh(47, 79.759, 345.541)

Have a look what the booklet for
CIELCh(47, 79.759, 345.541)
contains.

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Color

CIELCh(47, 79.830, 345.584)

Conversions

Conversions Part 1

Format	Color
Hex	D40093
RGB	212, 0, 147
RGB Percent	83%, 0%, 58%
CMY	0.1699, 1.0000, 0.4247
CMYK	0.00, 1.00, 0.31, 0.17
HSL	318°, 100%, 42%
HSV	318°, 100%, 83%
XYZ	32.2859, 16.0195, 28.8756
YIQ	80.1460, 79.1650, 90.6610

Conversions

Conversions Part 2

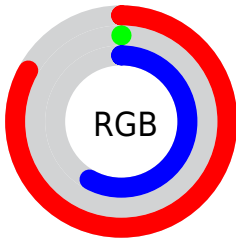
Format	Color
R_{YB}	212, 0, 147
Decimal	13893779
CIE _{Lab}	47.00, 77.32, -19.87
CIE _{LCh}	47, 79.830, 345.584
Yxy	16.0195, 0.4183, 0.2076
Android (android.graphics.Color)	4292083859 (0xFFD40093)
YUV	80.1460, 32.9590, 115.6360
Hunter-Lab	40.0243, 73.9456, -14.7578

Details

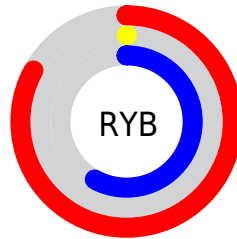
The CIELCh color **47, 79.830, 345.584** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **74, 92.108, 141.163**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 76.657, 341.268**, and **33, 60.477, 349.780** is the 20% darker color. If you saturate the color by 10%, you get **47, 79.723, 345.602**, and if you desaturate by 10%, it is **48, 79.070, 343.664**.

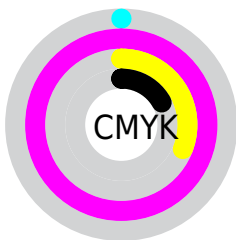
Distribution



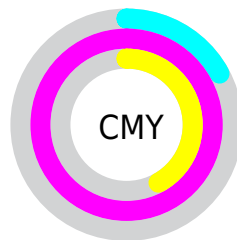
- Red (83%)
- Green (0%)
- Blue (58%)



- Red (83%)
- Yellow (0%)
- Blue (58%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)
- Black (17%)



- Cyan (17%)
- Magenta (100%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 79.830, 345.584 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, 79.830, 345.584 by changing the saturation by 10% instead.

 47, 79.830,
345.584

 47, 79.830,
345.584

 100, 79.830,
345.584

 37, 79.830,
345.584

 67, 79.830,
345.584

 27, 79.830,
345.584

 77, 79.830,
345.584

 17, 79.830,
345.584

 87, 79.830,
345.584

 7, 79.830, 345.584

 97, 79.830,
345.584

 0, 79.830, 345.584

 47, 79.830,

 47, 79.830,

345.584

345.584

■ 47, 79.723,
345.602

■ 48, 79.070,
343.664

■ 50, 76.280,
342.037

■ 52, 71.015,
340.684

■ 55, 63.580,
339.528

■ 59, 54.481,
338.511

■ 64, 44.260,
337.595

■ 69, 33.388,
336.752

■ 74, 22.232,
335.967

■ 79, 11.049,
335.221

Harmonies

Complementary

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



47, 79.830, 345.584



74, 92.108, 141.163

Rectangle

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



47, 79.830, 345.584



47, 79.830, 35.584



47, 79.830, 165.584



47, 79.830, 215.584

Sweetspot

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



47, 79.723, 345.602



81, 38.833, 336.778



29, 112.956, 308.245



41, 26.452, 337.130



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, 79.723, 345.602



57, 91.563, 345.851



44, 81.134, 29.991



42, 6.329, 335.178



38, 68.157, 345.263



6, 26.339, 341.489

Inverse Universe

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



47, 79.723, 345.602



57, 91.563, 345.851



76, 54.146, 170.662



42, 6.329, 335.178



38, 68.157, 345.263



6, 26.339, 341.489

Previews

White Background



This preview shows how the CIELCh color 47, 79.830, 345.584 looks on a white background.

Color Contrast Check

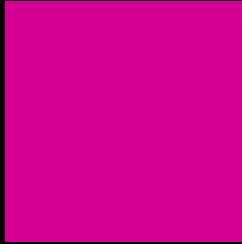
Large Text (above 18pt) WCAG AA ✓ Pass

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, 79.830, 345.584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

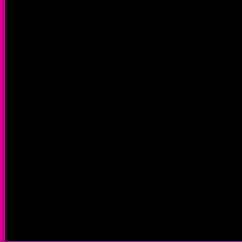
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 79.830, 345.584

Background



This preview shows how black text looks on a background with the CIELCh color 47, 79.830, 345.584.

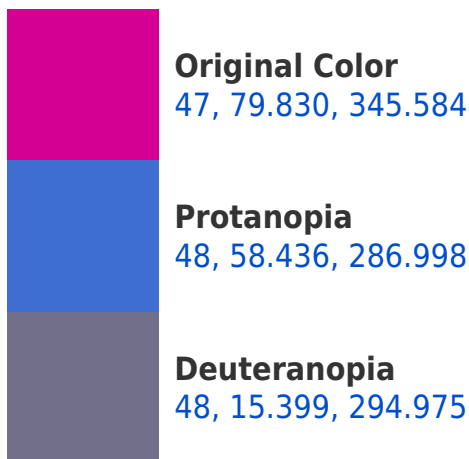


This preview shows how white text looks on a background with the CIELCh color 47, 79.830, 345.584.

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, 66.783, 30.179

Trichromacy



Original Color
47, 79.830, 345.584



Protanomaly
41, 70.109, 309.491



Deuteranomaly
42, 48.989, 330.318



Tritanomaly
46, 67.642, 10.741

Monochromacy



Original Color
47, 79.830, 345.584



Achromatopsia
34, 0.005, 296.813



Achromatomaly
34, 42.472, 339.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 79.830, 345.584 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, 0, 147)` looks like.

```
.text, #text, p{  
    color:rgb(212, 0, 147)  
}
```

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, 0, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 0, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 79.830, 345.584 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, 0, 147) }
```

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

```
.border{ border-color:rgb(212, 0, 147) }
```

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

Here you see how a box with a 4 pixel rgb(212, 0, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 0, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 0, 147);  
box-shadow:4px 4px 4px 4px rgb(212, 0,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 79.830, 345.584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 0, 147) }
```

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

```
.background{ background-color: rgb(212, 0,  
147) }
```

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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