

Converting Colors

CIELCh(47, 95.585, 327.631)

Have a look what the booklet for
CIELCh(47, 95.585, 327.631)
contains.

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Color

CIELCh(47, 95.464, 327.614)

Conversions

Conversions Part 1

Format	Color
Hex	C406C7
RGB	196, 6, 199
RGB Percent	77%, 2%, 78%
CMY	0.2306, 0.9775, 0.2189
CMYK	0.02, 0.97, 0.00, 0.22
HSL	299°, 94%, 40%
HSV	299°, 97%, 78%
XYZ	33.2105, 16.0195, 55.4905
YIQ	84.8120, 51.2870, 100.3030

Conversions

Conversions Part 2

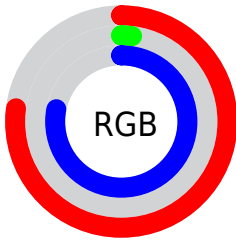
Format	Color
RYB	196, 6, 199
Decimal	12846791
CIELab	47.00, 80.62, -51.13
CIElCh	47, 95.464, 327.614
Yxy	16.0195, 0.3171, 0.1530
Android (android.graphics.Color)	4291036871 (0xFFC406C7)
YUV	84.8120, 56.2947, 97.5119
Hunter-Lab	40.0243, 78.0691, -54.1838

Details

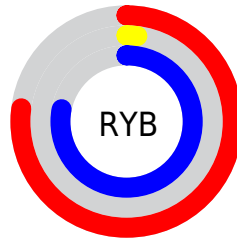
The CIELCh color **47, 95.464, 327.614** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **70, 98.706, 136.064**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **67, 94.851, 327.605**, and **33, 75.693, 326.362** is the 20% darker color. If you saturate the color by 10%, you get **47, 96.015, 327.619**, and if you desaturate by 10%, it is **48, 92.862, 327.568**.

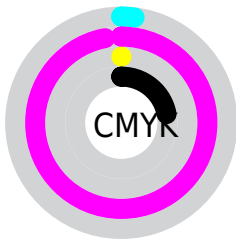
Distribution



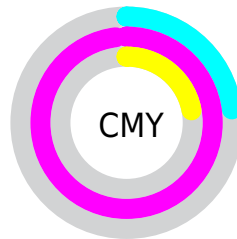
- Red (77%)
- Green (2%)
- Blue (78%)



- Red (77%)
- Yellow (2%)
- Blue (78%)



- Cyan (2%)
- Magenta (97%)
- Yellow (0%)
- Black (22%)





- Cyan (23%)
- Magenta (98%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 95.464, 327.614 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, 95.464, 327.614 by changing the saturation by 10% instead.


 47, 95.464,
327.614


 47, 95.464,
327.614


 100, 95.464,
327.614


 37, 95.464,
327.614

 67, 95.464,
327.614


 27, 95.464,
327.614

 77, 95.464,
327.614

 17, 95.464,
327.614

 87, 95.464,
327.614

 7, 95.464, 327.614

 97, 95.464,
327.614

 0, 95.464, 327.614

 47, 95.464,

 47, 95.464,

327.614

327.614

■ 47, 96.015,
327.619

■ 48, 92.862,
327.568

■ 49, 87.916,
327.426

■ 52, 80.583,
327.184

■ 55, 71.177,
326.851

■ 58, 60.169,
326.441

■ 62, 48.065,
325.974

■ 67, 35.315,
325.467

■ 72, 22.277,
324.935

Harmonies

Complementary

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



47, 95.464, 327.614



70, 98.706, 136.064

Rectangle

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



47, 95.464, 327.614



47, 95.464, 17.614



47, 95.464, 147.614



47, 95.464, 197.614

Sweetspot

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



47, 95.462, 327.614



83, 46.127, 325.587



25, 108.999, 305.876



42, 31.579, 325.807



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, 95.462, 327.614



60, 115.644, 327.611



43, 70.224, 359.562



39, 7.347, 324.512



38, 82.813, 327.628



4, 26.568, 326.412

Inverse Universe

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



42, 84.602, 38.698



53, 103.963, 39.574



71, 74.098, 148.816



39, 4.278, 18.672



34, 74.021, 39.154



3, 15.889, 18.603

Previews

White Background



This preview shows how the CIELCh color 47, 95.464, 327.614 looks on a white background.

Color Contrast Check

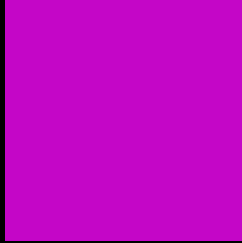
Large Text (above 18pt) WCAG AA ✓ Pass

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, 95.464, 327.614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

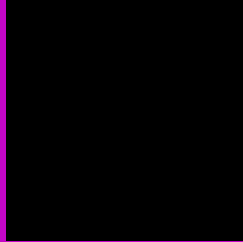
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 95.464, 327.614

Background



This preview shows how black text looks on a background with the CIELCh color 47, 95.464, 327.614.



This preview shows how white text looks on a background with the CIELCh color 47, 95.464, 327.614.

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

47, 95.369, 327.610

Protanopia

48, 71.914, 287.379

Deuteranopia

48, 43.990, 278.970



Tritanopia
47, 46.800, 23.320

Trichromacy



Original Color
47, 95.369, 327.610



Protanomaly
40, 88.287, 301.333



Deuteranomaly
42, 69.786, 307.058



Tritanomaly
45, 60.561, 350.554

Monochromacy



Original Color
47, 95.369, 327.610



Achromatopsia
36, 0.005, 296.813



Achromatomaly
35, 48.595, 326.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 95.464, 327.614 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(196, 6, 199)` looks like.

```
.text, #text, p{  
    color:rgb(196, 6, 199)  
}
```

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(196, 6, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 6, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 95.464, 327.614 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(196, 6, 199) }
```

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

```
.border{ border-color:rgb(196, 6, 199) }
```

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

Here you see how a box with a 4 pixel rgb(196, 6, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 6, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 6, 199);  
box-shadow:4px 4px 4px 4px rgb(196, 6,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 95.464, 327.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 6, 199) }
```

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

```
.background{ background-color: rgb(196, 6,  
199) }
```

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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