

Converting Colors

CIELCh(47, 92.123, 330.350)

Have a look what the booklet for
CIELCh(47, 92.123, 330.350)
contains.

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Color

CIELCh(47, 92.238, 330.333)

Conversions

Conversions Part 1

Format	Color
Hex	C802BE
RGB	200, 2, 190
RGB Percent	78%, 1%, 75%
CMY	0.2163, 0.9905, 0.2555
CMYK	0.00, 0.99, 0.05, 0.22
HSL	303°, 98%, 40%
HSV	303°, 99%, 78%
XYZ	33.0782, 16.0195, 49.9751
YIQ	82.6340, 57.6600, 100.4440

Conversions

Conversions Part 2

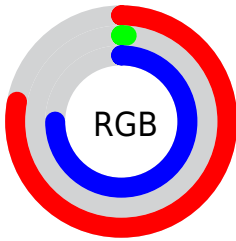
Format	Color
R_{YB}	200, 2, 190
Decimal	13107902
CIE _{Lab}	47.00, 80.15, -45.65
CIE _{LCh}	47, 92.238, 330.333
Yxy	16.0195, 0.3339, 0.1617
Android (android.graphics.Color)	4291297982 (0xFFC802BE)
YUV	82.6340, 52.9314, 102.9300
Hunter-Lab	40.0243, 77.4791, -46.0136

Details

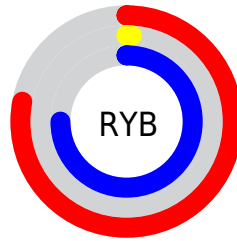
The CIELCh color **47, 92.238, 330.333** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed rose. A complement of this color would be **70, 98.513, 136.431**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **66, 91.790, 329.182**, and **33, 72.363, 329.660** is the 20% darker color. If you saturate the color by 10%, you get **47, 92.423, 330.364**, and if you desaturate by 10%, it is **48, 90.278, 330.070**.

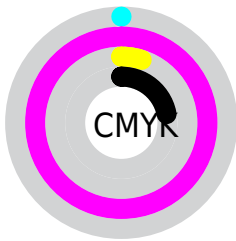
Distribution



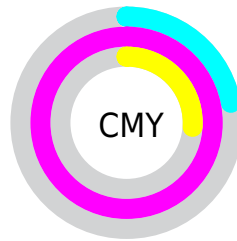
- Red (78%)
- Green (1%)
- Blue (75%)



- Red (78%)
- Yellow (1%)
- Blue (75%)



- Cyan (0%)
- Magenta (99%)
- Yellow (5%)
- Black (22%)




- Cyan (22%)
- Magenta (99%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 92.238, 330.333 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, 92.238, 330.333 by changing the saturation by 10% instead.


 47, 92.238,
330.333


 47, 92.238,
330.333


 100, 92.238,
330.333


 37, 92.238,
330.333

 67, 92.238,
330.333


 27, 92.238,
330.333

 77, 92.238,
330.333

 17, 92.238,
330.333

 87, 92.238,
330.333

 7, 92.238, 330.333

 97, 92.238,
330.333

 0, 92.238, 330.333

 47, 92.238,

 47, 92.238,

330.333

330.333

■ 47, 92.423,
330.364

■ 48, 90.278,
330.070

■ 49, 86.111,
329.761

■ 51, 79.525,
329.394

■ 54, 70.794,
328.969

■ 58, 60.377,
328.491

■ 62, 48.779,
327.974

■ 66, 36.465,
327.428

■ 71, 23.808,
326.865

■ 76, 11.085,
326.291

Harmonies

Complementary

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



47, 92.238, 330.333



70, 98.513, 136.431

Rectangle

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



47, 92.238, 330.333



47, 92.238, 20.333



47, 92.238, 150.333



47, 92.238, 200.333

Sweetspot

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



47, 92.235, 330.333



82, 46.292, 327.519



25, 110.534, 306.323



41, 31.499, 327.754



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, 92.235, 330.333



60, 110.985, 330.396



43, 70.046, 6.554



39, 7.132, 326.326



38, 79.570, 330.331



4, 25.609, 328.721

Inverse Universe

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



47, 92.235, 330.333



60, 110.985, 330.396



71, 69.953, 151.931



39, 7.132, 326.326



38, 79.570, 330.331



4, 25.609, 328.721

Previews

White Background



This preview shows how the CIELCh color 47, 92.238, 330.333 looks on a white background.

Color Contrast Check

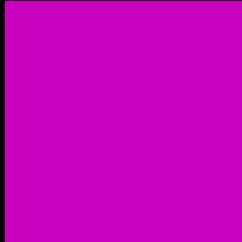
Large Text (above 18pt) WCAG AA ✓ Pass

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, 92.238, 330.333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

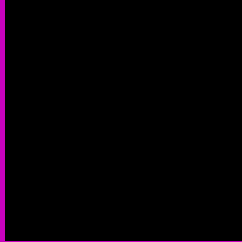
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 92.238, 330.333

Background



This preview shows how black text looks on a background with the CIELCh color 47, 92.238, 330.333.



This preview shows how white text looks on a background with the CIELCh color 47, 92.238, 330.333.

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, 92.333, 330.335

Protanopia
48, 71.914, 287.379

Deuteranopia
48, 38.989, 280.541



Tritanopia
48, 51.008, 25.028

Trichromacy



Original Color
47, 92.333, 330.335



Protanomaly
39, 87.228, 301.643



Deuteranomaly
42, 66.189, 310.593



Tritanomaly
45, 61.705, 354.723

Monochromacy



Original Color
47, 92.333, 330.335



Achromatopsia
35, 0.005, 296.813



Achromatomaly
35, 47.502, 328.513

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 92.238, 330.333 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(200, 2, 190)` looks like.

```
.text, #text, p{  
    color:rgb(200, 2, 190)  
}
```

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(200, 2, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 2, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 92.238, 330.333 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(200, 2, 190) }
```

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

```
.border{ border-color:rgb(200, 2, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 2, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 2, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 2, 190);  
box-shadow:4px 4px 4px 4px rgb(200, 2,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 92.238, 330.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 2, 190) }
```

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

```
.background{ background-color: rgb(200, 2,  
190) }
```

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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