

Converting Colors

CIELCh(47, 73.891, 322.021)

Have a look what the booklet for
CIELCh(47, 73.891, 322.021)
contains.

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Color

CIELCh(47, 74.135, 322.158)

Conversions

Conversions Part 1

Format	Color
Hex	A843BD
RGB	168, 67, 189
RGB Percent	66%, 26%, 74%
CMY	0.3411, 0.7372, 0.2587
CMYK	0.11, 0.65, 0.00, 0.26
HSL	290°, 48%, 50%
HSV	290°, 65%, 74%
XYZ	27.3496, 16.0195, 49.8070
YIQ	111.1070, 21.0340, 59.3540

Conversions

Conversions Part 2

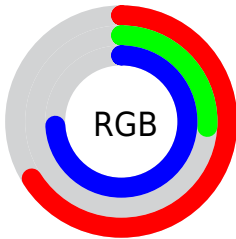
Format	Color
R_{YB}	168, 67, 189
Decimal	11027389
CIE _{Lab}	47.00, 58.54, -45.48
CIE _{LCh}	47, 74.135, 322.158
Yxy	16.0195, 0.2935, 0.1719
Android (android.graphics.Color)	4289217469 (0xFFA843BD)
YUV	111.1070, 38.4012, 49.8952
Hunter-Lab	40.0243, 51.9310, -45.7646

Details

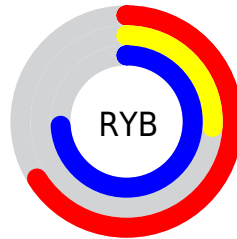
The CIELCh color **47, 74.135, 322.158** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **69, 73.163, 135.608**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 74.004, 322.150**, and **27, 73.075, 321.913** is the 20% darker color. If you saturate the color by 10%, you get **44, 82.428, 322.258**, and if you desaturate by 10%, it is **51, 64.190, 321.919**.

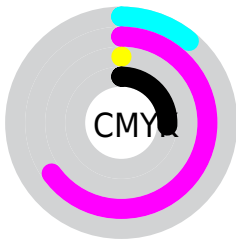
Distribution



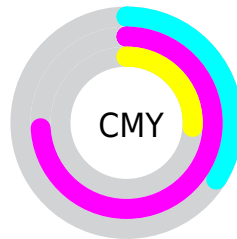
- Red (66%)
- Green (26%)
- Blue (74%)



- Red (66%)
- Yellow (26%)
- Blue (74%)



- Cyan (11%)
- Magenta (65%)
- Yellow (0%)
- Black (26%)



- Cyan (34%)
- Magenta (74%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 74.135, 322.158 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, 74.135, 322.158 by changing the saturation by 10% instead.


 47, 74.135,
322.158

 47, 74.135,
322.158


 100, 74.135,
322.158


 37, 74.135,
322.158

 67, 74.135,
322.158

 27, 74.135,
322.158

 77, 74.135,
322.158

 17, 74.135,
322.158

 87, 74.135,
322.158

 7, 74.135, 322.158

 97, 74.135,
322.158

 0, 74.135, 322.158

 47, 74.135,

 47, 74.135,

322.158

44, 82.428,
322.258

42, 88.579,
322.181

40, 92.299,
321.895

39, 93.670,
321.685

322.158

51, 64.190,
321.919

55, 53.127,
321.580

59, 41.407,
321.177

64, 29.385,
320.737

69, 17.315,
320.280

74, 5.365, 319.803

79, 6.361, 139.435

85, 17.801,
138.996

■ 90, 28.926,
138.597

Harmonies

Complementary

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



47, 74.135, 322.158



69, 73.163, 135.608

Rectangle

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



47, 74.135, 322.158



47, 74.135, 12.158



47, 74.135, 142.158



47, 74.135, 192.158

Sweetspot

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



47, 74.133, 322.158



85, 28.000, 320.499



41, 59.993, 293.260



43, 19.291, 320.630



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



47, 74.133, 322.158



56, 103.179, 322.252



48, 61.038, 340.486



37, 6.712, 320.038



32, 82.047, 321.768



3, 19.794, 317.937

Inverse Universe

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



46, 52.566, 16.100



55, 76.182, 21.110



68, 61.359, 148.140



37, 4.196, 6.181



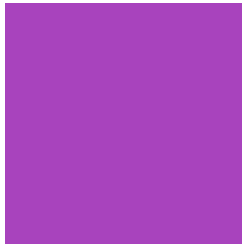
33, 65.797, 30.783



3, 12.462, 9.593

Previews

White Background



This preview shows how the CIELCh color 47, 74.135, 322.158 looks on a white background.

Color Contrast Check

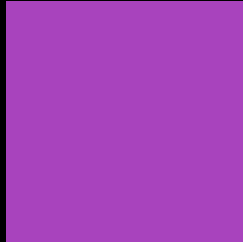
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.135, 322.158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

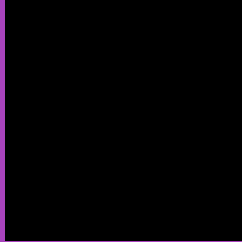
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 74.135, 322.158

Background



This preview shows how black text looks on a background with the CIELCh color 47, 74.135, 322.158.



This preview shows how white text looks on a background with the CIELCh color 47, 74.135, 322.158.

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, 74.135, 322.158

Protanopia

48, 71.955, 287.712

Deuteranopia

47, 41.563, 279.846



Tritanopia
47, 27.065, 14.633

Trichromacy



Original Color
47, 74.135, 322.158



Protanomaly
44, 72.398, 294.728



Deuteranomaly
45, 52.408, 299.989



Tritanomaly
46, 40.208, 340.517

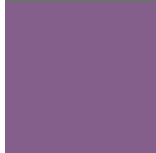
Monochromacy



Original Color
47, 74.135, 322.158



Achromatopsia
47, 0.006, 296.813



Achromatomaly
46, 29.625, 321.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 74.135, 322.158 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(168, 67, 189)` looks like.

```
.text, #text, p{  
    color:rgb(168, 67, 189)  
}
```

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(168, 67, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 67, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 74.135, 322.158 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(168, 67, 189) }
```

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

```
.border{ border-color:rgb(168, 67, 189) }
```

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

Here you see how a box with a 4 pixel rgb(168, 67, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 67, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 67, 189);  
box-shadow:4px 4px 4px 4px rgb(168, 67,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 74.135, 322.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 67, 189) }
```

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

```
.background{ background-color: rgb(168, 67,  
189) }
```

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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