

Converting Colors

CIELCh(35, 48.997, 348.907)

Have a look what the booklet for
CIELCh(35, 48.997, 348.907)
contains.

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Color

CIELCh(35, 48.929, 348.490)

Conversions

Conversions Part 1

Format	Color
Hex	902A63
RGB	144, 42, 99
RGB Percent	56%, 16%, 39%
CMY	0.4350, 0.8350, 0.6115
CMYK	0.00, 0.71, 0.31, 0.44
HSL	326°, 55%, 36%
HSV	326°, 71%, 56%
XYZ	14.5991, 8.4984, 12.6905
YIQ	78.9960, 42.4950, 39.3510

Conversions

Conversions Part 2

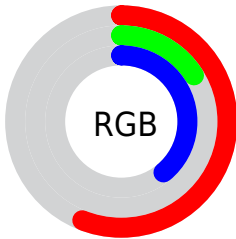
Format	Color
R_{YB}	144, 42, 99
Decimal	9448035
CIE _{Lab}	35.00, 47.95, -9.76
CIE _{LCh}	35, 48.929, 348.490
Yxy	8.4984, 0.4079, 0.2375
Android (android.graphics.Color)	4287638115 (0xFF902A63)
YUV	78.9960, 9.8620, 57.0085
Hunter-Lab	29.1520, 38.3756, -5.4038

Details

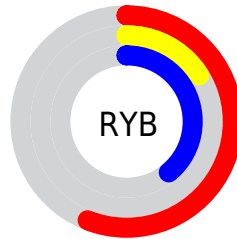
The CIELCh color **35, 48.929, 348.490** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **53, 47.916, 152.548**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 48.860, 348.456**, and **17, 40.804, 351.735** is the 20% darker color. If you saturate the color by 10%, you get **33, 52.857, 350.526**, and if you desaturate by 10%, it is **38, 43.621, 346.830**.

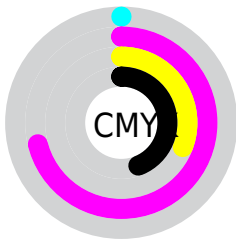
Distribution



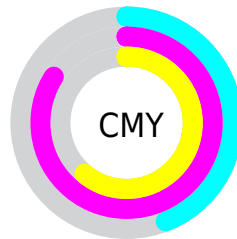
- Red (56%)
- Green (16%)
- Blue (39%)



- Red (56%)
- Yellow (16%)
- Blue (39%)



- Cyan (0%)
- Magenta (71%)
- Yellow (31%)
- Black (44%)



- Cyan (44%)
- Magenta (84%)
- Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 48.929, 348.490 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 35, 48.929, 348.490 by changing the saturation by 10% instead.


 35, 48.929,
348.490


 35, 48.929,
348.490

 100, 48.929,
348.490

 25, 48.929,
348.490

 55, 48.929,
348.490


 15, 48.929,
348.490


 65, 48.929,
348.490

 5, 48.929, 348.490

 75, 48.929,
348.490

 0, 48.929, 348.490

 85, 48.929,
348.490

 95, 48.929,
348.490

35, 48.929,
348.490

35, 48.929,
348.490

33, 52.857,
350.526

38, 43.621,
346.830

32, 55.188,
353.063

41, 37.287,
345.443

31, 56.373,
355.768

44, 30.283,
344.253

48, 22.914,
343.208

51, 15.410,
342.271

55, 7.933, 341.411

59, 0.582, 340.159

64, 6.581, 160.014

■ 68, 13.529,
159.334

Harmonies

Complementary

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



35, 48.929, 348.490



53, 47.916, 152.548

Rectangle

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



35, 48.929, 348.490



35, 48.929, 38.490



35, 48.929, 168.490



35, 48.929, 218.490

Sweetspot

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



35, 48.927, 348.491



65, 19.189, 342.328



29, 64.300, 310.609



33, 13.108, 342.551



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



35, 48.927, 348.491



42, 65.753, 351.965



34, 47.807, 25.543



28, 4.112, 341.274



29, 53.863, 355.543



1, 2.751, 340.614

Inverse Universe

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



35, 48.927, 348.491



42, 65.753, 351.965



54, 30.443, 189.078



28, 4.112, 341.274



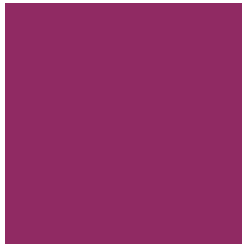
29, 53.863, 355.543



1, 2.751, 340.614

Previews

White Background



This preview shows how the CIE LCh color 35, 48.929, 348.490 looks on a white background.

Color Contrast Check

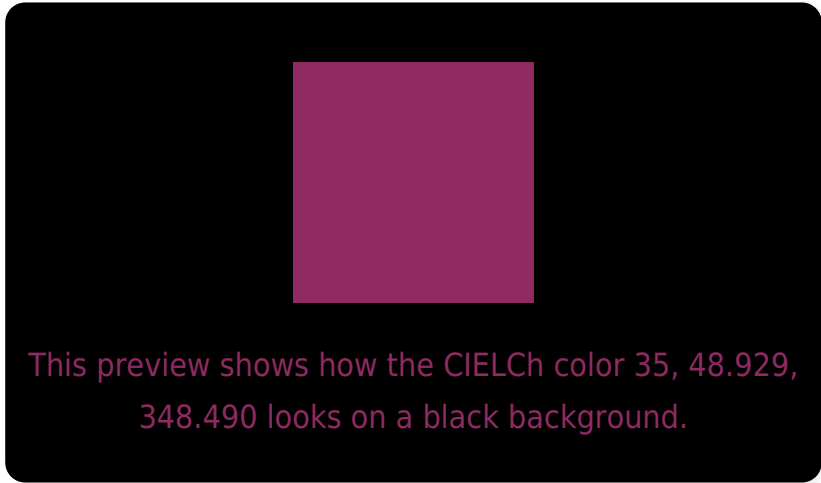
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

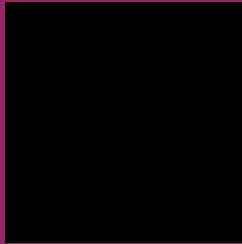
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 48.929, 348.490

Background



This preview shows how black text looks on a background with the CIELCh color 35, 48.929, 348.490.



This preview shows how white text looks on a background with the CIELCh color 35, 48.929, 348.490.

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
35, 48.929, 348.490

Protanopia
36, 28.187, 284.800

Deuteranopia
35, 8.511, 308.315



Tritanopia
35, 41.093, 25.062

Trichromacy



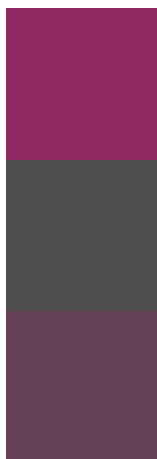
Original Color
35, 48.929, 348.490

Protanomaly
33, 33.037, 313.026

Deuteranomaly
34, 24.555, 336.612

Tritanomaly
35, 41.513, 10.522

Monochromacy



Original Color
35, 48.929, 348.490

Achromatopsia
34, 0.005, 296.813

Achromatomaly
33, 20.066, 344.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 48.929, 348.490 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(144, 42, 99)` looks like.

```
.text, #text, p{  
    color:rgb(144, 42, 99)  
}
```

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(144, 42, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 42, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 48.929, 348.490 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(144, 42, 99) }
```

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

```
.border{ border-color:rgb(144, 42, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 42, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 42, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 42, 99);  
box-shadow:4px 4px 4px 4px rgb(144, 42,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 48.929, 348.490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 42, 99) }
```

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

```
.background{ background-color: rgb(144, 42, 99) }
```

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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