

Converting Colors

CIELCh(48, 35.340, 324.832)

Have a look what the booklet for
CIELCh(48, 35.340, 324.832)
contains.

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Color

CIELCh(48, 35.391, 324.595)

Conversions

Conversions Part 1

Format	Color
Hex	926195
RGB	146, 97, 149
RGB Percent	57%, 38%, 58%
CMY	0.4279, 0.6200, 0.4162
CMYK	0.02, 0.35, 0.00, 0.42
HSL	297°, 21%, 48%
HSV	297°, 35%, 58%
XYZ	21.5121, 16.7945, 30.4915
YIQ	117.5790, 12.5120, 26.5600

Conversions

Conversions Part 2

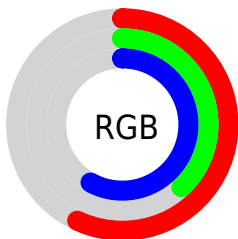
Format	Color
R _Y B	146, 97, 149
Decimal	9593237
CIE Lab	48.00, 28.85, -20.50
CIE LCh	48, 35.391, 324.595
Yxy	16.7945, 0.3127, 0.2441
Android (android.graphics.Color)	4287783317 (0xFF926195)
YUV	117.5790, 15.4906, 24.9252
Hunter-Lab	40.9810, 21.9827, -15.4273

Details

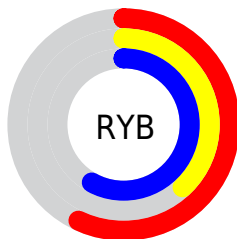
The CIELCh color `48, 35.391, 324.595` is a dark color, and the websafe version is hex `996699`. A complement of this color would be `57, 35.280, 140.638`, and the grayscale version is `49, 0.007, 296.813`.

A 20% lighter version of the original color is `68, 35.634, 324.869`, and `28, 35.301, 324.437` is the 20% darker color. If you saturate the color by 10%, you get `45, 45.102, 325.039`, and if you desaturate by 10%, it is `52, 25.315, 324.116`.

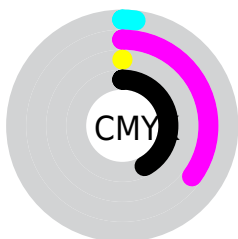
Distribution



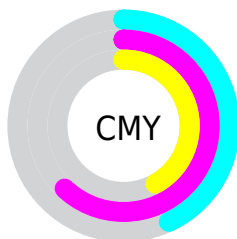
- Red (57%)
- Green (38%)
- Blue (58%)



- Red (57%)
- Yellow (38%)
- Blue (58%)



- Cyan (2%)
- Magenta (35%)
- Yellow (0%)
- Black (42%)





- Cyan (43%)
- Magenta (62%)
- Yellow (42%)
- Black (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 35.391, 324.595 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 48, 35.391, 324.595 by changing the saturation by 10% instead.


 48, 35.391,
324.595


 48, 35.391,
324.595


 100, 35.391,
324.595


 38, 35.391,
324.595

 68, 35.391,
324.595


 28, 35.391,
324.595

 78, 35.391,
324.595

 18, 35.391,
324.595

 88, 35.391,
324.595

 8, 35.391, 324.595

 98, 35.391,
324.595

 0, 35.391, 324.595

 48, 35.391,

 48, 35.391,

324.595

45, 45.102,
325.039

41, 54.142,
325.429

39, 62.138,
325.743

37, 68.700,
325.959

35, 73.505,
326.060

34, 76.431,
326.039

33, 77.606,
326.010

324.595

52, 25.315,
324.116

56, 15.114,
323.617

60, 4.955, 323.093

64, 5.051, 142.681

68, 14.834,
142.180

72, 24.357,
141.719

76, 33.600,
141.285

81, 42.560,
140.877

■ 85, 51.239,
140.496

Harmonies

Complementary

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



48, 35.391, 324.595



57, 35.280, 140.638

Rectangle

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



48, 35.391, 324.595



48, 35.391, 14.595



48, 35.391, 144.595



48, 35.391, 194.595

Sweetspot

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



48, 35.389, 324.595



73, 12.526, 323.376



44, 29.075, 291.893



38, 8.528, 323.441



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



48, 35.389, 324.595



58, 52.418, 324.951



48, 26.822, 343.211



29, 5.673, 323.324



31, 73.312, 326.025



1, 4.931, 322.886

Inverse Universe

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



47, 22.672, 18.063



56, 34.582, 19.321



57, 26.068, 157.119



29, 3.348, 15.217



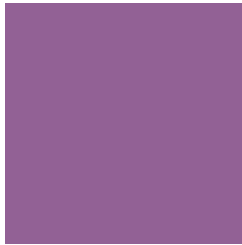
28, 63.269, 36.602



1, 2.841, 14.613

Previews

White Background



This preview shows how the CIELCh color 48, 35.391, 324.595 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 CIE LCh color 48, 35.391, 324.595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

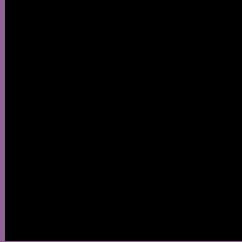
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 35.391, 324.595

Background



This preview shows how black text looks on a background with the CIELCh color 48, 35.391, 324.595.



This preview shows how white text looks on a background with the CIELCh color 48, 35.391, 324.595.

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
48, 35.391, 324.595

Protanopia
48, 28.455, 284.618

Deuteranopia
48, 20.058, 289.761



Tritanopia
48, 16.160, 4.742

Trichromacy



Original Color
48, 35.391, 324.595

Protanomaly
48, 29.788, 299.940

Deuteranomaly
48, 24.354, 306.123

Tritanomaly
48, 21.894, 342.404

Monochromacy



Original Color
48, 35.391, 324.595

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 13.285, 323.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 35.391, 324.595 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(146, 97, 149)` looks like.

```
.text, #text, p{  
    color:rgb(146, 97, 149)  
}
```

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(146, 97, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 97, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 35.391, 324.595 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(146, 97, 149) }
```

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

```
.border{ border-color:rgb(146, 97, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 97, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 97, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 97, 149);  
box-shadow:4px 4px 4px 4px rgb(146, 97,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 35.391, 324.595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 97, 149) }
```

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

```
.background{ background-color: rgb(146, 97,  
149) }
```

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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