

Converting Colors

CIELCh(48, 34.103, 336.527)

Have a look what the booklet for
CIELCh(48, 34.103, 336.527)
contains.

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Color

CIELCh(48, 34.102, 336.939)

Conversions

Conversions Part 1

Format	Color
Hex	9B5E89
RGB	155, 94, 137
RGB Percent	61%, 37%, 54%
CMY	0.3920, 0.6312, 0.4626
CMYK	0.00, 0.39, 0.12, 0.39
HSL	318°, 24%, 49%
HSV	318°, 39%, 61%
XYZ	22.0525, 16.7945, 25.7638
YIQ	117.1410, 22.5530, 26.3050

Conversions

Conversions Part 2

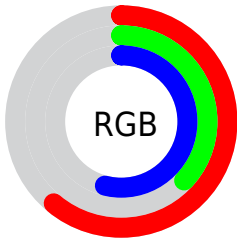
Format	Color
R_{YB}	155, 94, 137
Decimal	10182281
CIE _{Lab}	48.00, 31.38, -13.36
CIE _{LCh}	48, 34.102, 336.939
Yxy	16.7945, 0.3413, 0.2599
Android (android.graphics.Color)	4288372361 (0xFF9B5E89)
YUV	117.1410, 9.7905, 33.2023
Hunter-Lab	40.9810, 24.3365, -8.5875

Details

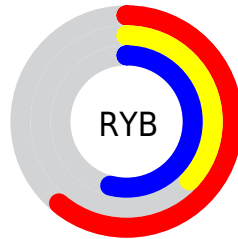
The CIELCh color `48, 34.102, 336.939` is a dark color, and the websafe version is hex `996699`. A complement of this color would be `59, 33.735, 150.775`, and the grayscale version is `49, 0.007, 296.813`.

A 20% lighter version of the original color is `68, 33.817, 337.534`, and `28, 33.670, 336.851` is the 20% darker color. If you saturate the color by 10%, you get `44, 42.195, 337.799`, and if you desaturate by 10%, it is `52, 25.553, 336.142`.

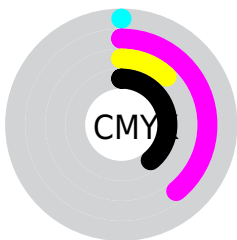
Distribution



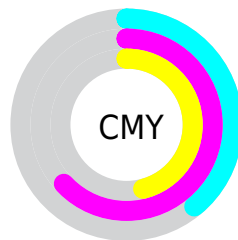
- Red (61%)
- Green (37%)
- Blue (54%)



- Red (61%)
- Yellow (37%)
- Blue (54%)



- Cyan (0%)
- Magenta (39%)
- Yellow (12%)
- Black (39%)




- Cyan (39%)
- Magenta (63%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 34.102, 336.939 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, 34.102, 336.939 by changing the saturation by 10% instead.


 48, 34.102,
336.939


 48, 34.102,
336.939


 100, 34.102,
336.939


 38, 34.102,
336.939

 68, 34.102,
336.939


 28, 34.102,
336.939

 78, 34.102,
336.939

 18, 34.102,
336.939


 88, 34.102,
336.939

 8, 34.102, 336.939

 98, 34.102,
336.939

 0, 34.102, 336.939

 48, 34.102,

 48, 34.102,

336.939

336.939

44, 42.195,
337.799

52, 25.553,
336.142

41, 49.497,
338.742

56, 16.816,
335.392

39, 55.611,
339.798

60, 8.073, 334.675

37, 60.146,
341.015

64, 0.556, 154.552

69, 8.997, 153.459

35, 62.827,
342.455

73, 17.210,
152.857

34, 63.954,
344.128

77, 25.178,
152.298

34, 64.023,
344.239

82, 32.898,
151.773

86, 40.376,

Harmonies

Complementary

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



48, 34.102, 336.939



59, 33.735, 150.775

Rectangle

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



48, 34.102, 336.939



48, 34.102, 26.939



48, 34.102, 156.939



48, 34.102, 206.939

Sweetspot

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



48, 34.100, 336.940



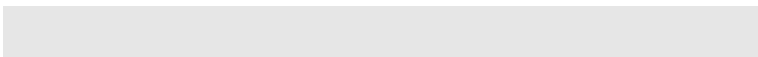
75, 12.862, 334.881



44, 37.148, 304.023



39, 8.606, 334.966



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



48, 34.100, 336.940



58, 49.875, 337.672



47, 26.824, 6.684



30, 4.830, 334.666



31, 59.597, 344.056



1, 5.139, 334.565

Inverse Universe

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



48, 34.100, 336.940



58, 49.875, 337.672



60, 22.969, 178.243



30, 4.830, 334.666



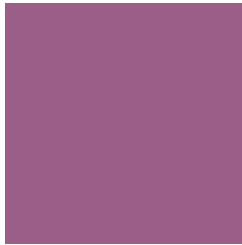
31, 59.597, 344.056



1, 5.139, 334.565

Previews

White Background



This preview shows how the CIELCh color 48, 34.102, 336.939 looks on a white background.

Color Contrast Check

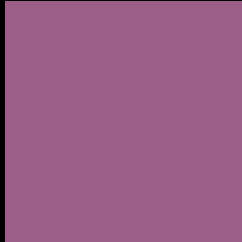
Large Text (above 18pt) WCAG AA ✓ Pass

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 48, 34.102, 336.939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

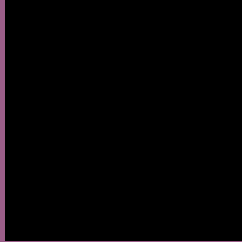
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 34.102, 336.939

Background



This preview shows how black text looks on a background with the CIELCh color 48, 34.102, 336.939.

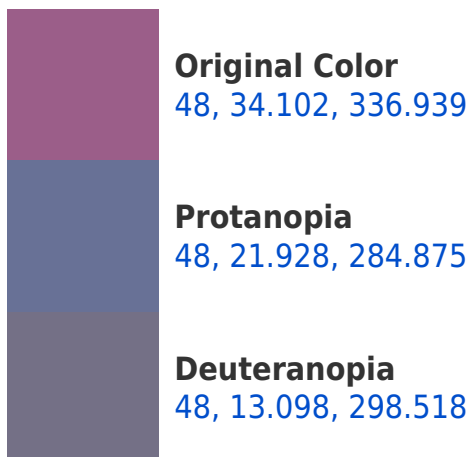


This preview shows how white text looks on a background with the CIELCh color 48, 34.102, 336.939.

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





Tritanopia
48, 22.511, 12.077

Trichromacy



Original Color
48, 34.102, 336.939

Protanomaly
48, 23.993, 308.167

Deuteranomaly
48, 20.221, 320.769

Tritanomaly
48, 25.282, 355.605

Monochromacy



Original Color
48, 34.102, 336.939

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 12.499, 336.157

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 34.102, 336.939 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(155, 94, 137)` looks like.

```
.text, #text, p{  
    color:rgb(155, 94, 137)  
}
```

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(155, 94, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 94, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 34.102, 336.939 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(155, 94, 137) }
```

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

```
.border{ border-color:rgb(155, 94, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 94, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 94, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 94, 137);  
box-shadow:4px 4px 4px 4px rgb(155, 94,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 34.102, 336.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 94, 137) }
```

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

```
.background{ background-color: rgb(155, 94,  
137) }
```

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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