

Converting Colors

CIELCh(44, 38.912, 348.526)

Have a look what the booklet for
CIELCh(44, 38.912, 348.526)
contains.

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Color

CIELCh(44, 39.082, 348.238)

Conversions

Conversions Part 1

Format	Color
Hex	9D4D76
RGB	157, 77, 118
RGB Percent	62%, 30%, 46%
CMY	0.3835, 0.6972, 0.5365
CMYK	0.00, 0.51, 0.25, 0.38
HSL	329°, 34%, 46%
HSV	329°, 51%, 62%
XYZ	19.8967, 13.8382, 18.8235
YIQ	105.5940, 34.5190, 29.7110

Conversions

Conversions Part 2

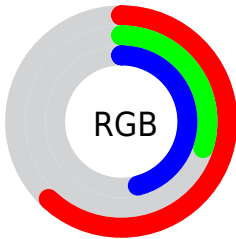
Format	Color
R_{YB}	157, 77, 118
Decimal	10308982
CIE _{Lab}	44.00, 38.26, -7.97
CIE _{LCh}	44, 39.082, 348.238
Yxy	13.8382, 0.3786, 0.2633
Android (android.graphics.Color)	4288499062 (0xFF9D4D76)
YUV	105.5940, 6.1162, 45.0831
Hunter-Lab	37.1997, 30.3730, -3.9617

Details

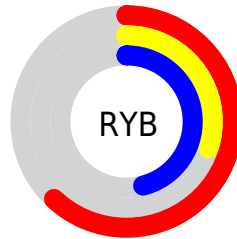
The CIELCh color $44, 39.082, 348.238$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $59, 37.180, 157.773$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 38.647, 348.270$, and $24, 39.219, 347.924$ is the 20% darker color. If you saturate the color by 10%, you get $41, 45.747, 349.810$, and if you desaturate by 10%, it is $48, 31.717, 346.914$.

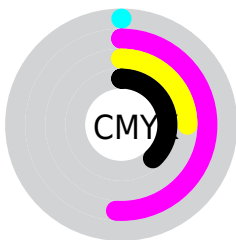
Distribution



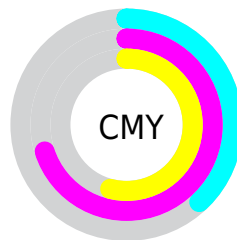
- Red (62%)
- Green (30%)
- Blue (46%)



- Red (62%)
- Yellow (30%)
- Blue (46%)



- Cyan (0%)
- Magenta (51%)
- Yellow (25%)
- Black (38%)



- Cyan (38%)
- Magenta (70%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 39.082, 348.238 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 44, 39.082, 348.238 by changing the saturation by 10% instead.


 44, 39.082,
348.238

 44, 39.082,
348.238


 100, 39.082,
348.238

 34, 39.082,
348.238

 64, 39.082,
348.238

 24, 39.082,
348.238

 74, 39.082,
348.238

 14, 39.082,
348.238

 84, 39.082,
348.238

 4, 39.082, 348.238

 94, 39.082,
348.238

 0, 39.082, 348.238

 44, 39.082,

 44, 39.082,

348.238

348.238

41, 45.747,
349.810

48, 31.717,
346.914

38, 51.338,
351.721

52, 23.988,
345.769

36, 55.488,
354.095

56, 16.137,
344.757

34, 57.982,
357.083

60, 8.333, 343.838

34, 59.248, 0.271

64, 0.681, 342.570

69, 6.760, 162.369

73, 13.960,
161.658

78, 20.911,
161.018

83, 27.618,

Harmonies

Complementary

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



44, 39.082, 348.238



59, 37.180, 157.773

Rectangle

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



44, 39.082, 348.238



44, 39.082, 38.238



44, 39.082, 168.238



44, 39.082, 218.238

Sweetspot

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



44, 39.080, 348.239



74, 14.251, 344.233



40, 49.933, 311.086



38, 9.718, 344.412



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



44, 39.080, 348.239



52, 56.444, 350.032



43, 36.480, 23.909



31, 4.336, 343.691



30, 55.271, 359.901



1, 5.512, 344.411

Inverse Universe

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



44, 39.080, 348.239



52, 56.444, 350.032



60, 25.650, 195.451



31, 4.336, 343.691



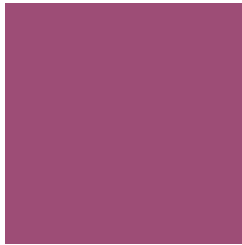
30, 55.271, 359.901



1, 5.512, 344.411

Previews

White Background



This preview shows how the CIELCh color 44, 39.082, 348.238 looks on a white background.

Color Contrast Check

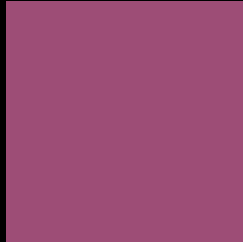
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 39.082, 348.238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

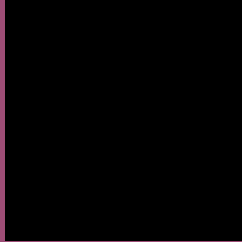
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 39.082, 348.238

Background



This preview shows how black text looks on a background with the CIELCh color 44, 39.082, 348.238.



This preview shows how white text looks on a background with the CIELCh color 44, 39.082, 348.238.

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
44, 31.602, 17.927

Trichromacy



Original Color
44, 39.082, 348.238

Protanomaly
43, 23.559, 315.808

Deuteranomaly
44, 19.420, 337.134

Tritanomaly
44, 33.038, 5.216

Monochromacy



Original Color
44, 39.082, 348.238

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 14.599, 346.594

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 39.082, 348.238 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(157, 77, 118)` looks like.

```
.text, #text, p{  
    color:rgb(157, 77, 118)  
}
```

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(157, 77, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 77, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 39.082, 348.238 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(157, 77, 118) }
```

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

```
.border{ border-color:rgb(157, 77, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 77, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 77, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 77, 118);  
box-shadow:4px 4px 4px 4px rgb(157, 77,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 39.082, 348.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 77, 118) }
```

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

```
.background{ background-color: rgb(157, 77,  
118) }
```

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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