

Converting Colors

CIELCh(39, 48.219, 352.676)

Have a look what the booklet for
CIELCh(39, 48.219, 352.676)
contains.

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Color

CIELCh(39, 48.170, 352.922)

Conversions

Conversions Part 1

Format	Color
Hex	9D3567
RGB	157, 53, 103
RGB Percent	62%, 21%, 40%
CMY	0.3850, 0.7928, 0.5967
CMYK	0.00, 0.66, 0.34, 0.38
HSL	331°, 50%, 41%
HSV	331°, 66%, 62%
XYZ	17.5783, 10.6589, 13.9243
YIQ	89.7960, 45.9340, 37.5980

Conversions

Conversions Part 2

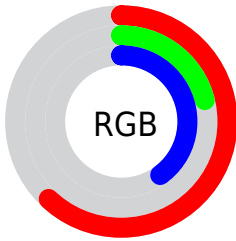
Format	Color
R_{YB}	157, 53, 103
Decimal	10302823
CIE _{Lab}	39.00, 47.80, -5.94
CIE _{LCh}	39, 48.170, 352.922
Yxy	10.6589, 0.4169, 0.2528
Android (android.graphics.Color)	4288492903 (0xFF9D3567)
YUV	89.7960, 6.5096, 58.9379
Hunter-Lab	32.6480, 38.9737, -2.4335

Details

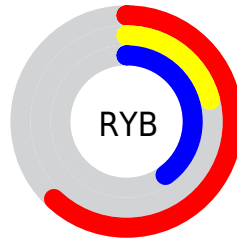
The CIELCh color $[39, 48.170, 352.922]$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $[58, 45.324, 157.068]$, and the grayscale version is $[38, 0.005, 296.813]$.

A 20% lighter version of the original color is $[59, 48.429, 352.956]$, and $[20, 44.112, 355.223]$ is the 20% darker color. If you saturate the color by 10%, you get $[37, 53.041, 355.243]$, and if you desaturate by 10%, it is $[42, 42.062, 351.052]$.

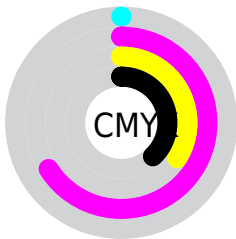
Distribution



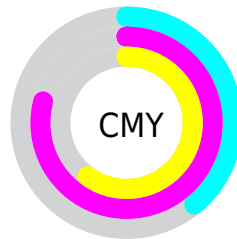
- Red (62%)
- Green (21%)
- Blue (40%)



- Red (62%)
- Yellow (21%)
- Blue (40%)



- Cyan (0%)
- Magenta (66%)
- Yellow (34%)
- Black (38%)



- Cyan (39%)
- Magenta (79%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 48.170, 352.922 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 39, 48.170, 352.922 by changing the saturation by 10% instead.


 39, 48.170,
352.922

 39, 48.170,
352.922

 100, 48.170,
352.922

 29, 48.170,
352.922

 59, 48.170,
352.922


 19, 48.170,
352.922

 69, 48.170,
352.922

 9, 48.170, 352.922

 79, 48.170,
352.922

 0, 48.170, 352.922

 89, 48.170,
352.922

 99, 48.170,
352.922

■ 39, 48.170,
352.922

■ 39, 48.170,
352.922

■ 37, 53.041,
355.243

■ 42, 42.062,
351.052

■ 35, 56.393,
358.163

■ 45, 35.100,
349.508

■ 34, 58.234, 1.801

■ 49, 27.638,
348.202

■ 33, 58.836, 3.205

■ 53, 19.959,
347.071

■ 58, 12.265,
346.067

■ 62, 4.687, 345.134

■ 66, 2.697, 164.533

■ 71, 9.847, 163.708

■ 75, 16.747,
163.021

Harmonies

Complementary

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



39, 48.170, 352.922



58, 45.324, 157.068

Rectangle

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



39, 48.170, 352.922



39, 48.170, 42.922



39, 48.170, 172.922



39, 48.170, 222.922

Sweetspot

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



39, 48.167, 352.923



71, 18.713, 346.464



34, 64.702, 312.754



36, 12.766, 346.725



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



39, 48.167, 352.923



47, 66.843, 356.689



38, 48.817, 29.690



31, 4.246, 345.410



30, 54.965, 2.813



1, 5.401, 346.080

Inverse Universe

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



39, 48.167, 352.923



47, 66.843, 356.689



59, 29.633, 198.739



31, 4.246, 345.410



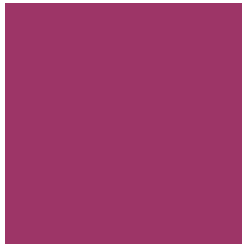
30, 54.965, 2.813



1, 5.401, 346.080

Previews

White Background



This preview shows how the CIELCh color 39, 48.170, 352.922 looks on a white background.

Color Contrast Check

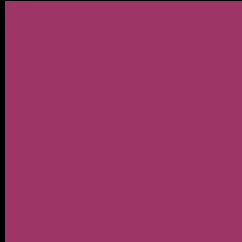
Large Text (above 18pt) WCAG AA ✓ Pass

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 39, 48.170, 352.922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

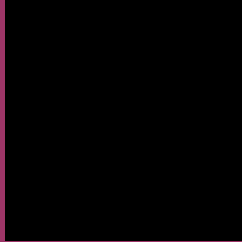
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 48.170, 352.922

Background



This preview shows how black text looks on a background with the CIELCh color 39, 48.170, 352.922.



This preview shows how white text looks on a background with the CIELCh color 39, 48.170, 352.922.

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

39, 48.170, 352.922

Protanopia

39, 23.334, 286.047

Deuteranopia

39, 6.454, 331.080



Tritanopia
39, 42.510, 24.027

Trichromacy



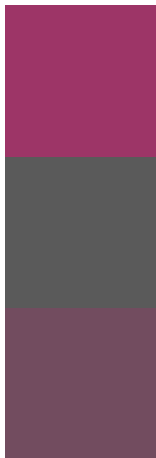
Original Color
39, 48.170, 352.922

Protanomaly
38, 28.580, 319.117

Deuteranomaly
38, 23.607, 345.185

Tritanomaly
39, 42.772, 12.244

Monochromacy



Original Color
39, 48.170, 352.922

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 19.750, 346.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 48.170, 352.922 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, 53, 103)` looks like.

```
.text, #text, p{  
    color:rgb(157, 53, 103)  
}
```

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, 53, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 53, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 48.170, 352.922 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, 53, 103) }
```

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

```
.border{ border-color:rgb(157, 53, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 53, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 53, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 53, 103);  
box-shadow:4px 4px 4px 4px rgb(157, 53,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 48.170, 352.922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 53, 103) }
```

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

```
.background{ background-color: rgb(157, 53,  
103) }
```

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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