

Converting Colors

CIELCh(39, 9.416, 94.901)

Have a look what the booklet for
CIELCh(39, 9.416, 94.901) contains.

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Color

CIELCh(39, 9.398, 94.923)

Conversions

Conversions Part 1

Format	Color
Hex	615C4D
RGB	97, 92, 77
RGB Percent	38%, 36%, 30%
CMY	0.6208, 0.6404, 0.6992
CMYK	0.00, 0.05, 0.21, 0.62
HSL	45°, 12%, 34%
HSV	45°, 21%, 38%
XYZ	10.0280, 10.6589, 8.4962
YIQ	91.7850, 7.7950, -3.6050

Conversions

Conversions Part 2

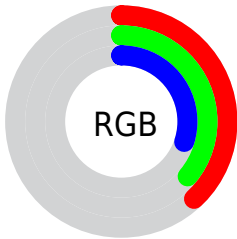
Format	Color
R_{YB}	84, 97, 77
Decimal	6380621
CIE Lab	39.00, -0.81, 9.36
CIE LCh	39, 9.398, 94.923
Yxy	10.6589, 0.3436, 0.3652
Android (android.graphics.Color)	4284570701 (0xFF615C4D)
YUV	91.7850, -7.2890, 4.5736
Hunter-Lab	32.6480, -2.3072, 7.4243

Details

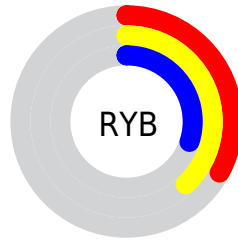
The CIELCh color **39, 9.398, 94.923** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **35, 9.521, 279.833**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 9.340, 93.909**, and **19, 9.084, 94.797** is the 20% darker color. If you saturate the color by 10%, you get **38, 14.012, 93.769**, and if you desaturate by 10%, it is **40, 4.823, 96.052**.

Distribution



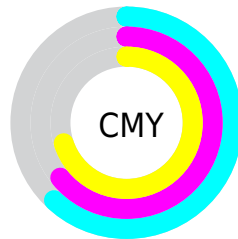
- Red (38%)
- Green (36%)
- Blue (30%)



- Red (33%)
- Yellow (38%)
- Blue (30%)



- Cyan (0%)
- Magenta (5%)
- Yellow (21%)
- Black (62%)



- Cyan (62%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 9.398, 94.923 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, 9.398, 94.923 by changing the saturation by 10% instead.

■ 39, 9.398, 94.923 ■ 39, 9.398, 94.923

■ 100, 9.398, 94.923 ■ 29, 9.398, 94.923

■ 59, 9.398, 94.923 ■ 19, 9.398, 94.923

■ 69, 9.398, 94.923 ■ 9, 9.398, 94.923

■ 79, 9.398, 94.923 ■ 0, 9.398, 94.923

■ 89, 9.398, 94.923

■ 99, 9.398, 94.923

■ 39, 9.398, 94.923 ■ 39, 9.398, 94.923

■ 38, 14.012, 93.769 ■ 40, 4.823, 96.052

■ 37, 18.635, 92.578 ■ 41, 0.296, 96.800

36, 23.224, 91.360

42, 4.176, 278.256

35, 27.695, 90.115

43, 8.590, 279.258

35, 31.913, 88.836

44, 12.948,
280.226

34, 35.659, 87.497

45, 17.252,
281.151

33, 38.632, 86.055

32, 41.419, 84.799

46, 21.503,
282.033

47, 25.705,
282.871

48, 29.859,
283.665

Harmonies

Complementary

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



39, 9.398, 94.923



35, 9.521, 279.833

Rectangle

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



39, 9.398, 94.923



39, 9.398, 144.923



39, 9.398, 274.923



39, 9.398, 324.923

Sweetspot

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



39, 9.399, 94.931



52, 3.337, 96.533



35, 9.314, 1.463



26, 2.232, 96.492



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



39, 9.399, 94.931



49, 14.072, 94.346



40, 12.278, 118.706



20, 2.536, 96.247



38, 45.930, 84.421



77, 79.902, 83.057

Inverse Universe

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



35, 9.521, 279.833



43, 14.303, 280.589



34, 12.770, 301.249



18, 2.555, 278.286



16, 57.622, 299.190



37, 106.929, 301.103

Previews

White Background



This preview shows how the CIELCh color 39, 9.398, 94.923 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, 9.398, 94.923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

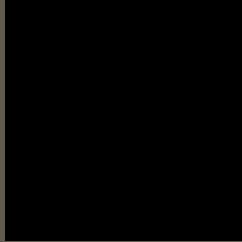
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

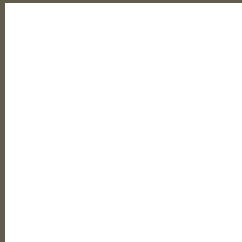
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 9.398, 94.923

Background



This preview shows how black text looks on a background with the CIELCh color 39, 9.398, 94.923.

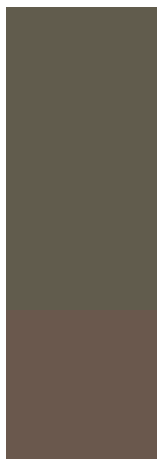


This preview shows how white text looks on a background with the CIELCh color 39, 9.398, 94.923.

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, 9.398, 94.923

Protanopia

39, 9.398, 94.923

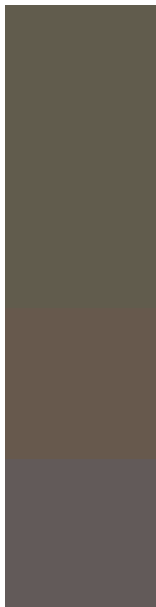
Deuteranopia

39, 10.657, 58.946



Tritanopia
39, 6.021, 334.896

Trichromacy



Original Color
39, 9.398, 94.923

Protanomaly
39, 9.398, 94.923

Deuteranomaly
39, 9.733, 68.353

Tritanomaly
39, 3.491, 29.822

Monochromacy



Original Color
39, 9.398, 94.923

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 3.166, 93.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 9.398, 94.923 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(97, 92, 77)` looks like.

```
.text, #text, p{  
    color:rgb(97, 92, 77)  
}
```

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(97, 92, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 92, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 9.398, 94.923 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(97, 92, 77) }
```

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

```
.border{ border-color:rgb(97, 92, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 92, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 92, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 92, 77);  
box-shadow:4px 4px 4px 4px rgb(97, 92, 77)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 9.398, 94.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 92, 77) }
```

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

```
.background{ background-color: rgb(97, 92,  
77) }
```

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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