

Converting Colors

CIELCh(39, 3.171, 353.341)

Have a look what the booklet for
CIELCh(39, 3.171, 353.341) contains.

CIELCh(39, 3.223, 357.499)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(39, 3.223, 357.499)

Conversions

Conversions Part 1

Format	Color
Hex	615A5C
RGB	97, 90, 92
RGB Percent	38%, 35%, 36%
CMY	0.6191, 0.6465, 0.6387
CMYK	0.00, 0.07, 0.05, 0.62
HSL	343°, 4%, 37%
HSV	343°, 7%, 38%
XYZ	10.5494, 10.6589, 11.6575
YIQ	92.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

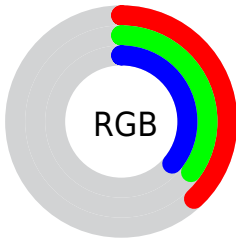
Format	Color
R _Y B	97, 90, 92
Decimal	6380124
CIE Lab	39.00, 3.22, -0.14
CIE LCh	39, 3.223, 357.499
Yxy	10.6589, 0.3210, 0.3243
Android (android.graphics.Color)	4284570204 (0xFF615A5C)
YUV	92.3210, -0.1583, 4.1035
Hunter-Lab	32.6480, 0.5440, 1.6832

Details

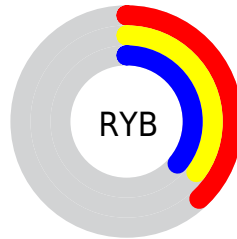
The CIELCh color **39, 3.223, 357.499** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 3.155, 176.448**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 3.347, 359.888**, and **19, 3.623, 358.016** is the 20% darker color. If you saturate the color by 10%, you get **36, 7.843, 358.536**, and if you desaturate by 10%, it is **42, 1.219, 176.980**.

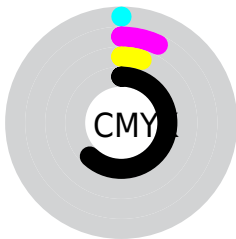
Distribution



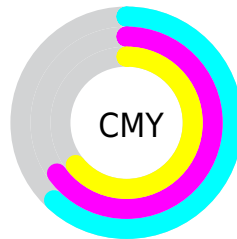
- Red (38%)
- Green (35%)
- Blue (36%)



- Red (38%)
- Yellow (35%)
- Blue (36%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (62%)













- Cyan (62%)
- Magenta (65%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 3.223, 357.499 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, 3.223, 357.499 by changing the saturation by 10% instead.

 39, 3.223, 357.499	 39, 3.223, 357.499
 100, 3.223, 357.499	 29, 3.223, 357.499
 59, 3.223, 357.499	 19, 3.223, 357.499
 69, 3.223, 357.499	 9, 3.223, 357.499
 79, 3.223, 357.499	 0, 3.223, 357.499
 89, 3.223, 357.499	
 99, 3.223, 357.499	
 39, 3.223, 357.499	 39, 3.223, 357.499
 36, 7.843, 358.536	 42, 1.219, 176.980

33, 12.618,
359.672

45, 5.468, 176.037

30, 17.490, 0.994

48, 9.528, 175.331

28, 22.368, 2.567

51, 13.407,
174.703

25, 27.117, 4.478

55, 17.116,
174.133

23, 31.562, 6.836

58, 20.670,
173.611

21, 35.516, 9.776

20, 38.829, 13.432

61, 24.081,
173.131

19, 41.794, 17.483

64, 27.363,
172.687

67, 30.529,
172.275

Harmonies

Complementary

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



39, 3.223, 357.499



41, 3.155, 176.448

Rectangle

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



39, 3.223, 357.499



39, 3.223, 47.499



39, 3.223, 177.499



39, 3.223, 227.499

Sweetspot

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



39, 3.222, 357.511



53, 1.109, 356.835



39, 4.772, 315.990



27, 0.625, 356.788



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, 3.222, 357.511



50, 5.053, 357.723



39, 2.535, 39.218



18, 2.511, 357.682



22, 47.501, 19.588



51, 84.802, 23.439

Inverse Universe

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



39, 3.222, 357.511



50, 5.053, 357.723



40, 2.434, 219.787



18, 2.511, 357.682



22, 47.501, 19.588



51, 84.802, 23.439

Previews

White Background



This preview shows how the CIE LCh color 39, 3.223, 357.499 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, 3.223, 357.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

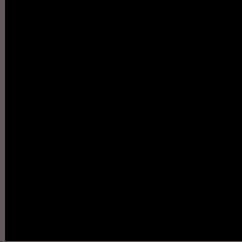
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 3.223, 357.499

Background



This preview shows how black text looks on a background with the CIELCh color 39, 3.223, 357.499.



This preview shows how white text looks on a background with the CIELCh color 39, 3.223, 357.499.

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, 3.223, 357.499

Protanopia

39, 1.498, 324.452

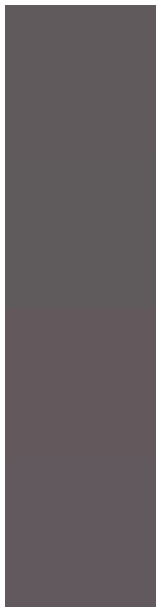
Deuteranopia

39, 5.045, 358.807



Tritanopia
39, 5.735, 331.826

Trichromacy



Original Color

39, 3.223, 357.499

Protanomaly

39, 2.096, 343.857

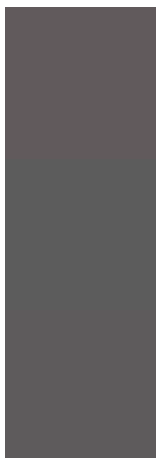
Deuteranomaly

39, 4.647, 356.796

Tritanomaly

39, 5.297, 336.229

Monochromacy



Original Color

39, 3.223, 357.499

Achromatopsia

39, 0.006, 296.813

Achromatomaly

39, 1.415, 353.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 3.223, 357.499 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, 90, 92)` looks like.

```
.text, #text, p{  
    color:rgb(97, 90, 92)  
}
```

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, 90, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 90, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 3.223, 357.499 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, 90, 92) }
```

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

```
.border{ border-color:rgb(97, 90, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 90, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 90, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 90, 92);  
box-shadow:4px 4px 4px 4px rgb(97, 90, 92)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 3.223, 357.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 90, 92) }
```

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

```
.background{ background-color: rgb(97, 90,  
92) }
```

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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