

Converting Colors

CIELCh(39, 16.301, 190.080)

Have a look what the booklet for
CIELCh(39, 16.301, 190.080)
contains.

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Color

CIELCh(39, 16.010, 190.773)

Conversions

Conversions Part 1

Format	Color
Hex	386360
RGB	56, 99, 96
RGB Percent	22%, 39%, 38%
CMY	0.7796, 0.6109, 0.6227
CMYK	0.43, 0.00, 0.03, 0.61
HSL	176°, 28%, 30%
HSV	176°, 43%, 39%
XYZ	8.2455, 10.6589, 12.7396
YIQ	85.8010, -24.6650, -10.0490

Conversions

Conversions Part 2

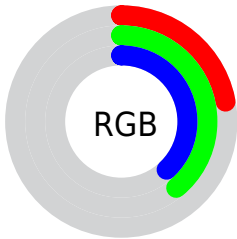
Format	Color
R_{YB}	56, 78, 99
Decimal	3695456
CIE _{Lab}	39.00, -15.73, -2.99
CIE _{LCh}	39, 16.010, 190.773
Yxy	10.6589, 0.2606, 0.3368
Android (android.graphics.Color)	4281885536 (0xFF386360)
YUV	85.8010, 5.0281, -26.1355
Hunter-Lab	32.6480, -12.0528, -0.2819

Details

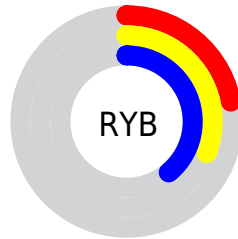
The CIELCh color **39, 16.010, 190.773** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **29, 20.520, 18.183**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 16.032, 189.746**, and **19, 15.950, 191.418** is the 20% darker color. If you saturate the color by 10%, you get **39, 18.880, 190.108**, and if you desaturate by 10%, it is **40, 12.767, 191.433**.

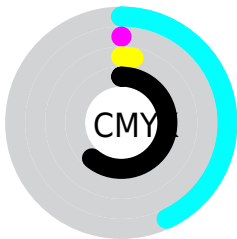
Distribution



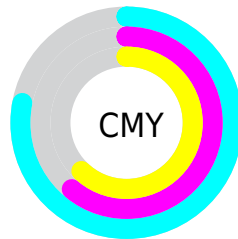
- Red (22%)
- Green (39%)
- Blue (38%)



- Red (22%)
- Yellow (31%)
- Blue (39%)



- Cyan (43%)
- Magenta (0%)
- Yellow (3%)
- Black (61%)





- Cyan (78%)
- Magenta (61%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 16.010, 190.773 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, 16.010, 190.773 by changing the saturation by 10% instead.


 39, 16.010,
190.773


 39, 16.010,
190.773

 100, 16.010,
190.773


 29, 16.010,
190.773

 59, 16.010,
190.773


 19, 16.010,
190.773


 69, 16.010,
190.773

 9, 16.010, 190.773

 79, 16.010,
190.773

 0, 16.010, 190.773

 89, 16.010,
190.773

 99, 16.010,
190.773

■ 39, 16.010,
190.773

■ 39, 16.010,
190.773

■ 39, 18.880,
190.108

■ 40, 12.767,
191.433

■ 38, 21.325,
189.437

■ 40, 9.207, 192.101

■ 41, 5.390, 192.787

■ 38, 23.311,
188.750

■ 42, 1.376, 193.627

■ 38, 24.822,
188.034

■ 43, 2.785, 13.940

■ 37, 25.897,
187.284

■ 44, 7.044, 14.678

■ 45, 11.363, 15.361

■ 37, 26.558,
186.799

■ 46, 15.709, 16.030

■ 47, 20.059, 16.690

Harmonies

Complementary

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



39, 16.010, 190.773



29, 20.520, 18.183

Rectangle

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



39, 16.010, 190.773



39, 16.010, 240.773



39, 16.010, 10.773



39, 16.010, 60.773

Sweetspot

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



39, 16.010, 190.771



53, 6.560, 192.783



38, 30.991, 139.482



27, 4.609, 192.666



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



39, 16.010, 190.771



50, 22.966, 190.092



33, 14.074, 252.358



20, 2.242, 193.115



42, 28.996, 186.668



86, 50.908, 186.095

Inverse Universe

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



29, 20.520, 18.183



35, 31.469, 20.068



34, 16.831, 61.668



18, 2.346, 14.172



22, 53.146, 34.308



50, 96.984, 37.858

Previews

White Background



This preview shows how the CIELCh color 39, 16.010, 190.773 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, 16.010, 190.773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

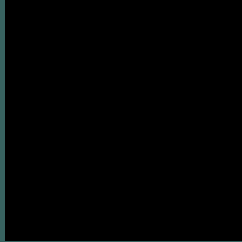
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 16.010, 190.773

Background



This preview shows how black text looks on a background with the CIELCh color 39, 16.010, 190.773.



This preview shows how white text looks on a background with the CIELCh color 39, 16.010, 190.773.

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, 16.010, 190.773

Protanopia

39, 0.846, 19.151

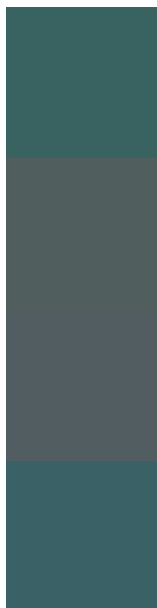
Deuteranopia

39, 6.471, 321.789



Tritanopia
39, 14.489, 217.772

Trichromacy



Original Color
39, 16.010, 190.773

Protanomaly
39, 5.739, 192.551

Deuteranomaly
39, 4.998, 228.440

Tritanomaly
39, 14.538, 207.484

Monochromacy



Original Color
39, 16.010, 190.773

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 6.542, 193.137

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 16.010, 190.773 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(56, 99, 96)` looks like.

```
.text, #text, p{  
    color:rgb(56, 99, 96)  
}
```

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(56, 99, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 99, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 16.010, 190.773 is called "border". The border property can be set on classes, ids or directly on the HTML element.

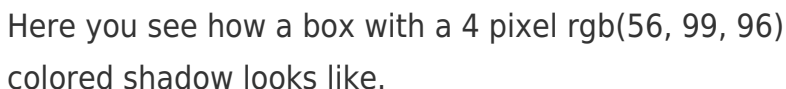
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(56, 99, 96) }
```

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

```
.border{ border-color:rgb(56, 99, 96) }
```

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



Here you see how a box with a 4 pixel `rgb(56, 99, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 99, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 99, 96);  
box-shadow:4px 4px 4px 4px rgb(56, 99, 96)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 16.010, 190.773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 99, 96) }
```

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

```
.background{ background-color: rgb(56, 99,  
96) }
```

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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