

Converting Colors

CIELCh(39, 15.590, 197.649)

Have a look what the booklet for
CIELCh(39, 15.590, 197.649)
contains.

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Color

CIELCh(39, 15.611, 197.495)

Conversions

Conversions Part 1

Format	Color
Hex	386363
RGB	56, 99, 99
RGB Percent	22%, 39%, 39%
CMY	0.7805, 0.6119, 0.6119
CMYK	0.43, 0.00, 0.00, 0.61
HSL	180°, 28%, 30%
HSV	180°, 43%, 39%
XYZ	8.3396, 10.6589, 13.4156
YIQ	86.1430, -25.6280, -9.1160

Conversions

Conversions Part 2

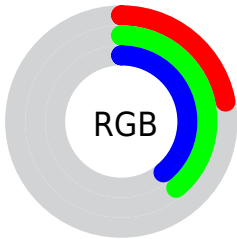
Format	Color
R_{YB}	56, 78, 99
Decimal	3695459
CIE _{Lab}	39.00, -14.89, -4.69
CIE _{LCh}	39, 15.611, 197.495
Yxy	10.6589, 0.2573, 0.3288
Android (android.graphics.Color)	4281885539 (0xFF386363)
YUV	86.1430, 6.3385, -26.4354
Hunter-Lab	32.6480, -11.5383, -1.5095

Details


The CIELCh color **39, 15.611, 197.495** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **29, 20.822, 23.399**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 15.604, 197.988**, and **19, 15.562, 199.097** is the 20% darker color. If you saturate the color by 10%, you get **39, 18.307, 197.169**, and if you desaturate by 10%, it is **40, 12.518, 197.870**.

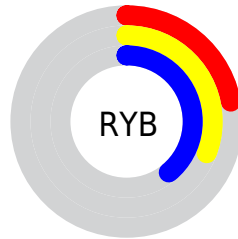
Distribution



 Red (22%)

 Green (39%)

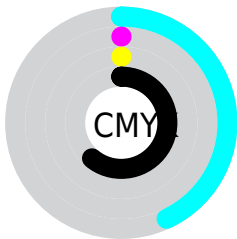
 Blue (39%)




 Red (22%)

 Yellow (31%)

 Blue (39%)

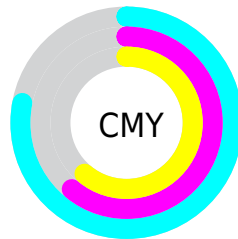


 Cyan (43%)


 Magenta (0%)

 Yellow (0%)

 Black (61%)



 Cyan (78%)


 Magenta (61%)


 Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 15.611, 197.495 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, 15.611, 197.495 by changing the saturation by 10% instead.


 39, 15.611,
197.495


 39, 15.611,
197.495

 100, 15.611,
197.495


 29, 15.611,
197.495

 59, 15.611,
197.495


 19, 15.611,
197.495

 69, 15.611,
197.495

 9, 15.611, 197.495

 79, 15.611,
197.495

 0, 15.611, 197.495

 89, 15.611,
197.495

 99, 15.611,
197.495

■ 39, 15.611,
197.495

■ 39, 15.611,
197.495

■ 39, 18.307,
197.169

■ 40, 12.518,
197.870

■ 38, 20.561,
196.903

■ 40, 9.081, 198.301

■ 41, 5.357, 198.789

■ 38, 22.344,
196.694

■ 42, 1.404, 199.461

■ 38, 23.649,
196.543

■ 43, 2.724, 19.631

■ 38, 24.521,
196.443

■ 43, 6.981, 20.256

■ 45, 11.324, 20.841

■ 38, 25.038,
196.383

■ 46, 15.719, 21.428

■ 47, 20.139, 22.017

Harmonies

Complementary

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



39, 15.611, 197.495



29, 20.822, 23.399

Rectangle

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



39, 15.611, 197.495



39, 15.611, 247.495



39, 15.611, 17.495



39, 15.611, 67.495

Sweetspot

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



39, 15.611, 197.492



52, 6.380, 198.793



38, 31.637, 140.988



26, 4.407, 198.710



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, 15.611, 197.492



49, 21.930, 197.168



32, 15.019, 260.562



20, 2.221, 199.045



42, 27.356, 196.383



86, 47.823, 196.383

Inverse Universe

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



29, 20.822, 23.399



34, 31.587, 25.125



34, 17.079, 68.650



18, 2.339, 19.835



22, 54.832, 37.108



50, 99.789, 40.000

Previews

White Background



This preview shows how the CIELCh color 39, 15.611, 197.495 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, 15.611, 197.495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

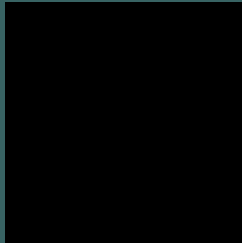
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 15.611, 197.495

Background



This preview shows how black text looks on a background with the CIELCh color 39, 15.611, 197.495.



This preview shows how white text looks on a background with the CIELCh color 39, 15.611, 197.495.

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, 15.611, 197.495

Protanopia

39, 1.895, 303.189

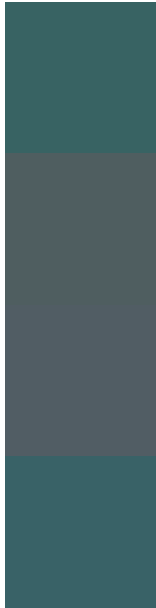
Deuteranopia

39, 7.936, 312.386



Tritanopia
39, 14.763, 217.359

Trichromacy



Original Color
39, 15.611, 197.495

Protanomaly
39, 6.093, 210.358

Deuteranomaly
39, 6.304, 242.056

Tritanomaly
39, 14.842, 209.704

Monochromacy



Original Color
39, 15.611, 197.495

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 6.468, 198.590

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 15.611, 197.495 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, 99)` looks like.

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

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, 99) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 39, 15.611, 197.495 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, 99) }
```

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

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

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, 99)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 39, 15.611, 197.495 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, 99) }
```

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

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

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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