

Converting Colors

CIELCh(39, 16.567, 173.310)

Have a look what the booklet for
CIELCh(39, 16.567, 173.310)
contains.

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Color

CIELCh(39, 16.439, 173.076)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 3D6358 |
| RGB | 61, 99, 88 |
| RGB Percent | 24%, 39%, 35% |
| CMY | 0.7602, 0.6111, 0.6543 |
| CMYK | 0.38, 0.00, 0.11, 0.61 |
| HSL | 163°, 24%, 31% |
| HSV | 163°, 38%, 39% |
| XYZ | 8.1796, 10.6589, 10.8932 |
| YIQ | 86.3840, -19.1170, -11.4770 |

Conversions

Conversions Part 2

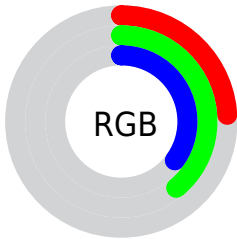
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 61, 83, 99 |
| Decimal | 4023128 |
| CIELab | 39.00, -16.32, 1.98 |
| CIElCh | 39, 16.439, 173.076 |
| Yxy | 10.6589, 0.2751, 0.3585 |
| Android (android.graphics.Color) | 4282213208 (0xFF3D6358) |
| YUV | 86.3840, 0.7967, -22.2618 |
| Hunter-Lab | 32.6480, -12.4131, 3.0711 |

Details

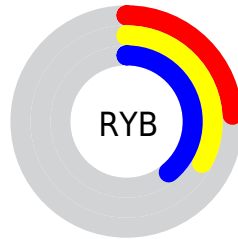
The CIELCh color **39, 16.439, 173.076** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **31, 18.373, 0.878**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 16.482, 173.444**, and **19, 16.154, 173.770** is the 20% darker color. If you saturate the color by 10%, you get **38, 20.254, 171.933**, and if you desaturate by 10%, it is **40, 12.368, 174.125**.

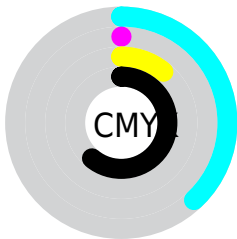
Distribution



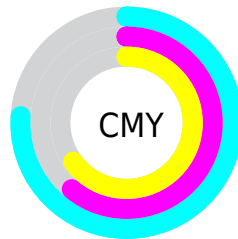
- Red (24%)
- Green (39%)
- Blue (35%)



- Red (24%)
- Yellow (33%)
- Blue (39%)



- Cyan (38%)
- Magenta (0%)
- Yellow (11%)
- Black (61%)





- Cyan (76%)
- Magenta (61%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 16.439, 173.076 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, 16.439, 173.076 by changing the saturation by 10% instead.


 39, 16.439,
173.076


 39, 16.439,
173.076

 100, 16.439,
173.076


 29, 16.439,
173.076

 59, 16.439,
173.076


 19, 16.439,
173.076


 69, 16.439,
173.076

 9, 16.439, 173.076

 79, 16.439,
173.076

 0, 16.439, 173.076

 89, 16.439,
173.076

 99, 16.439,
173.076

■ 39, 16.439,
173.076

■ 39, 16.439,
173.076

■ 38, 20.254,
171.933

■ 40, 12.368,
174.125

■ 38, 23.747,
170.683

■ 40, 8.106, 175.105

■ 38, 26.861,
169.303

■ 41, 3.714, 176.051

■ 42, 0.754, 356.440

■ 37, 29.556,
167.773

■ 43, 5.252, 357.572

■ 37, 31.813,
166.075

■ 44, 9.743, 358.363

■ 45, 14.198,
359.103

■ 37, 33.810,
164.345

■ 47, 18.596,
359.808

■ 37, 34.148,
164.076

■ 48, 22.922, 0.484

Harmonies

Complementary

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



39, 16.439, 173.076



31, 18.373, 0.878

Rectangle

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



39, 16.439, 173.076



39, 16.439, 223.076



39, 16.439, 353.076



39, 16.439, 43.076

Sweetspot

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



39, 16.440, 173.074



53, 6.119, 175.765



39, 25.701, 133.980



27, 4.141, 175.679



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, 16.440, 173.074



50, 24.151, 172.044



37, 12.002, 221.338



20, 2.454, 176.000



42, 37.449, 163.739



85, 66.926, 162.308

Inverse Universe

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



31, 18.373, 0.878



38, 27.739, 2.324



32, 15.478, 39.323



18, 2.516, 357.397



22, 47.422, 19.230



51, 84.614, 23.079

Previews

White Background



This preview shows how the CIELCh color 39, 16.439, 173.076 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, 16.439, 173.076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

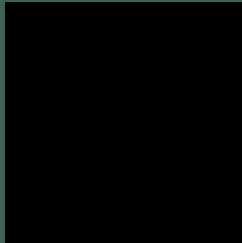
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

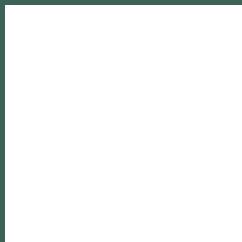
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 16.439, 173.076

Background



This preview shows how black text looks on a background with the CIELCh color 39, 16.439, 173.076.



This preview shows how white text looks on a background with the CIELCh color 39, 16.439, 173.076.

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, 16.439, 173.076

Protanopia

39, 4.607, 87.241

Deuteranopia

39, 5.203, 13.362



Tritanopia
39, 12.504, 221.341

Trichromacy



Original Color
39, 16.439, 173.076

Protanomaly
39, 6.790, 152.481

Deuteranomaly
39, 3.538, 155.299

Tritanomaly
39, 12.753, 200.619

Monochromacy



Original Color
39, 16.439, 173.076

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 5.976, 174.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 16.439, 173.076 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(61, 99, 88)` looks like.

```
.text, #text, p{  
    color:rgb(61, 99, 88)  
}
```

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(61, 99, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 99, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 16.439, 173.076 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(61, 99, 88) }
```

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

```
.border{ border-color:rgb(61, 99, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 99, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 99, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 99, 88);  
box-shadow:4px 4px 4px 4px rgb(61, 99, 88)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 16.439, 173.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 99, 88) }
```

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

```
.background{ background-color: rgb(61, 99,  
88) }
```

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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