

Converting Colors

CIELCh(39, 16.899, 239.772)

Have a look what the booklet for
CIELCh(39, 16.899, 239.772)
contains.

CIELCh(39, 16.930, 239.149)	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, 16.930, 239.149)

Conversions

Conversions Part 1

Format	Color
Hex	396173
RGB	57, 97, 115
RGB Percent	22%, 38%, 45%
CMY	0.7764, 0.6196, 0.5490
CMYK	0.50, 0.16, 0.00, 0.55
HSL	199°, 34%, 34%
HSV	199°, 50%, 45%
XYZ	9.0582, 10.6589, 17.8021
YIQ	87.0920, -29.6180, -2.8820

Conversions

Conversions Part 2

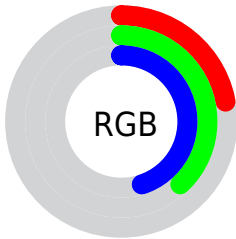
Format	Color
RYB	57, 81, 115
Decimal	3760499
CIELab	39.00, -8.68, -14.53
CIElCh	39, 16.930, 239.149
Yxy	10.6589, 0.2414, 0.2841
Android (android.graphics.Color)	4281950579 (0xFF396173)
YUV	87.0920, 13.7586, -26.3907
Hunter-Lab	32.6480, -7.6091, -9.4755

Details

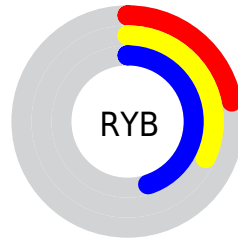
The CIELCh color **39, 16.930, 239.149** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **36, 22.978, 50.133**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 16.891, 238.326**, and **19, 16.943, 238.275** is the 20% darker color. If you saturate the color by 10%, you get **37, 19.524, 241.441**, and if you desaturate by 10%, it is **41, 14.037, 237.297**.

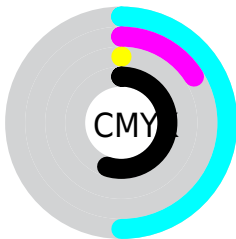
Distribution



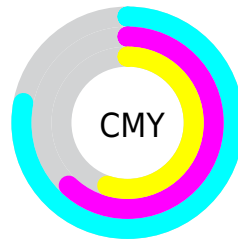
- Red (22%)
- Green (38%)
- Blue (45%)



- Red (22%)
- Yellow (32%)
- Blue (45%)



- Cyan (50%)
- Magenta (16%)
- Yellow (0%)
- Black (55%)





- Cyan (78%)
- Magenta (62%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 16.930, 239.149 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, 16.930, 239.149 by changing the saturation by 10% instead.


 39, 16.930,
239.149


 39, 16.930,
239.149

 100, 16.930,
239.149


 29, 16.930,
239.149

 59, 16.930,
239.149


 19, 16.930,
239.149


 69, 16.930,
239.149

 9, 16.930, 239.149

 79, 16.930,
239.149

 0, 16.930, 239.149

 89, 16.930,
239.149

 99, 16.930,
239.149

■ 39, 16.930,
239.149

■ 39, 16.930,
239.149

■ 37, 19.524,
241.441

■ 41, 14.037,
237.297

■ 36, 21.805,
244.254

■ 43, 10.876,
235.813

■ 34, 23.784,
247.654

■ 44, 7.484, 234.632

■ 33, 25.504,
251.671

■ 46, 3.902, 233.717

■ 48, 0.166, 234.876

■ 32, 27.102,
255.669

■ 50, 3.690, 52.163

■ 52, 7.637, 51.718

■ 54, 11.651, 51.337

■ 57, 15.710, 51.026

Harmonies

Complementary

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



39, 16.930, 239.149



36, 22.978, 50.133

Rectangle

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



39, 16.930, 239.149



39, 16.930, 289.149



39, 16.930, 59.149



39, 16.930, 109.149

Sweetspot

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



39, 16.929, 239.148



59, 6.924, 234.138



44, 33.380, 149.826



30, 4.744, 234.295



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



39, 16.929, 239.148



48, 24.342, 242.006



30, 29.709, 288.290



24, 2.146, 233.615



34, 28.425, 256.037



67, 49.518, 259.070

Inverse Universe

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



33, 33.451, 338.477



40, 48.925, 339.647



44, 27.778, 94.697



23, 3.827, 335.261



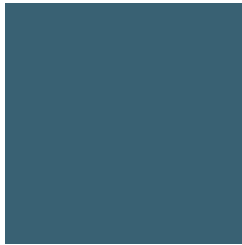
26, 53.634, 344.853



55, 89.994, 346.093

Previews

White Background



This preview shows how the CIE LCh color 39, 16.930, 239.149 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 CIELCh color 39, 16.930, 239.149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

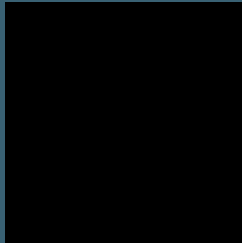
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 16.930, 239.149

Background



This preview shows how black text looks on a background with the CIELCh color 39, 16.930, 239.149.

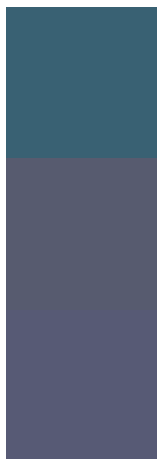


This preview shows how white text looks on a background with the CIELCh color 39, 16.930, 239.149.

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, 16.930, 239.149

Protanopia

39, 12.312, 284.946

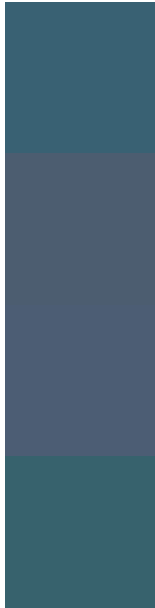
Deuteranopia

39, 16.564, 288.867



Tritanopia
39, 15.826, 215.886

Trichromacy



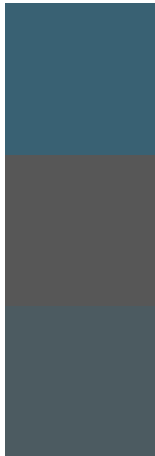
Original Color
39, 16.930, 239.149

Protanomaly
39, 12.998, 263.226

Deuteranomaly
39, 15.132, 268.440

Tritanomaly
39, 15.938, 223.037

Monochromacy



Original Color
39, 16.930, 239.149

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 6.879, 231.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 16.930, 239.149 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(57, 97, 115)` looks like.

```
.text, #text, p{  
    color:rgb(57, 97, 115)  
}
```

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(57, 97, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 97, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 16.930, 239.149 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(57, 97, 115) }
```

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

```
.border{ border-color:rgb(57, 97, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 97, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 97, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 97, 115);  
box-shadow:4px 4px 4px 4px rgb(57, 97,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 16.930, 239.149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 97, 115) }
```

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

```
.background{ background-color: rgb(57, 97,  
115) }
```

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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