

Converting Colors

CIELCh(39, 16.164, 231.222)

Have a look what the booklet for
CIELCh(39, 16.164, 231.222)
contains.

CIELCh(39, 16.291, 232.671)	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, 16.291, 232.671)

Conversions

Conversions Part 1

Format	Color
Hex	386170
RGB	56, 97, 112
RGB Percent	22%, 38%, 44%
CMY	0.7787, 0.6180, 0.5591
CMYK	0.50, 0.13, 0.00, 0.56
HSL	196°, 33%, 33%
HSV	196°, 50%, 44%
XYZ	8.9166, 10.6589, 17.0414
YIQ	86.4510, -29.2510, -4.0270

Conversions

Conversions Part 2

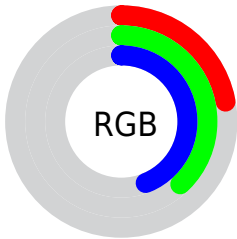
Format	Color
R_{YB}	56, 80, 112
Decimal	3694960
CIE _{Lab}	39.00, -9.88, -12.95
CIE _{LCh}	39, 16.291, 232.671
Yxy	10.6589, 0.2435, 0.2911
Android (android.graphics.Color)	4281885040 (0xFF386170)
YUV	86.4510, 12.5957, -26.7055
Hunter-Lab	32.6480, -8.3836, -8.0941

Details

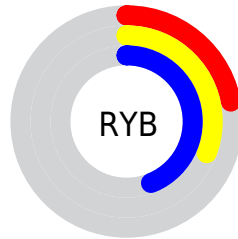
The CIELCh color **39, 16.291, 232.671** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **35, 22.567, 46.014**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 16.296, 232.412**, and **19, 16.203, 231.031** is the 20% darker color. If you saturate the color by 10%, you get **38, 18.723, 234.617**, and if you desaturate by 10%, it is **41, 13.524, 231.125**.

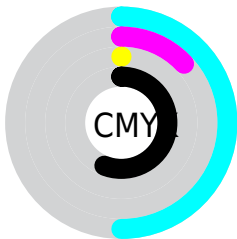
Distribution



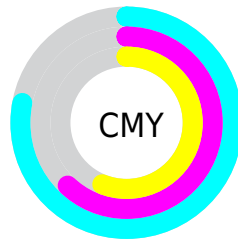
- Red (22%)
- Green (38%)
- Blue (44%)



- Red (22%)
- Yellow (31%)
- Blue (44%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)
- Black (56%)





- Cyan (78%)
- Magenta (62%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 16.291, 232.671 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, 16.291, 232.671 by changing the saturation by 10% instead.


 39, 16.291,
232.671


 39, 16.291,
232.671

 100, 16.291,
232.671


 29, 16.291,
232.671

 59, 16.291,
232.671


 19, 16.291,
232.671


 69, 16.291,
232.671

 9, 16.291, 232.671

 79, 16.291,
232.671

 0, 16.291, 232.671

 89, 16.291,
232.671

 99, 16.291,
232.671

■ 39, 16.291,
232.671

■ 39, 16.291,
232.671

■ 38, 18.723,
234.617

■ 41, 13.524,
231.125

■ 36, 20.797,
237.047

■ 42, 10.462,
229.911

■ 35, 22.512,
240.036

■ 44, 7.146, 228.971

■ 34, 23.900,
243.641

■ 46, 3.622, 228.273

■ 32, 25.168,
247.494

■ 47, 0.071, 42.769

■ 32, 25.194,
247.565

■ 49, 3.894, 47.073

■ 51, 7.818, 46.780

■ 53, 11.815, 46.541

■ 55, 15.863, 46.360

Harmonies

Complementary

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



39, 16.291, 232.671



35, 22.567, 46.014

Rectangle

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



39, 16.291, 232.671



39, 16.291, 282.671



39, 16.291, 52.671



39, 16.291, 102.671

Sweetspot

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



39, 16.291, 232.669



57, 6.753, 228.632



43, 33.239, 148.685



29, 4.625, 228.751



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



39, 16.291, 232.669



48, 22.996, 235.003



30, 27.553, 286.237



23, 2.077, 228.229



35, 26.426, 247.927



69, 45.986, 250.896

Inverse Universe

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



32, 33.384, 336.492



39, 48.259, 337.485



42, 26.197, 92.525



22, 3.799, 333.553



26, 54.305, 341.913



55, 91.819, 342.934

Previews

White Background



This preview shows how the CIELCh color 39, 16.291, 232.671 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, 16.291, 232.671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

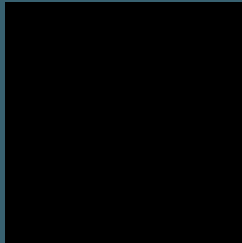
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

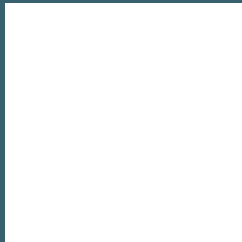
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 16.291, 232.671

Background



This preview shows how black text looks on a background with the CIELCh color 39, 16.291, 232.671.



This preview shows how white text looks on a background with the CIELCh color 39, 16.291, 232.671.

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, 16.291, 232.671

Protanopia

39, 10.457, 285.400

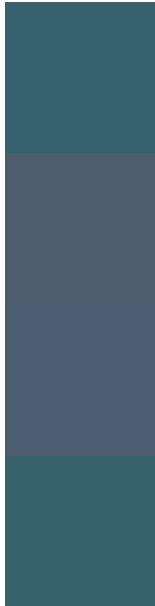
Deuteranopia

39, 14.714, 290.966



Tritanopia
39, 15.826, 215.886

Trichromacy



Original Color
39, 16.291, 232.671

Protanomaly
39, 11.808, 261.466

Deuteranomaly
39, 13.381, 266.018

Tritanomaly
39, 15.791, 220.803

Monochromacy



Original Color
39, 16.291, 232.671

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 6.612, 226.652

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 16.291, 232.671 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, 97, 112)` looks like.

```
.text, #text, p{  
    color:rgb(56, 97, 112)  
}
```

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, 97, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 97, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 16.291, 232.671 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, 97, 112) }
```

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

```
.border{ border-color:rgb(56, 97, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 97, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 97, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 97, 112);  
box-shadow:4px 4px 4px 4px rgb(56, 97,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 16.291, 232.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 97, 112) }
```

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

```
.background{ background-color: rgb(56, 97,  
112) }
```

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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