

Converting Colors

CIELCh(39, 12.305, 231.761)

Have a look what the booklet for
CIELCh(39, 12.305, 231.761)
contains.

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Color

CIELCh(39, 12.305, 231.761)

Conversions

Conversions Part 1

Format	Color
Hex	43606B
RGB	67, 96, 107
RGB Percent	26%, 38%, 42%
CMY	0.7366, 0.6229, 0.5797
CMYK	0.37, 0.10, 0.00, 0.58
HSL	197°, 23%, 34%
HSV	197°, 37%, 42%
XYZ	9.1856, 10.6589, 15.5283
YIQ	88.5830, -20.8150, -2.7270

Conversions

Conversions Part 2

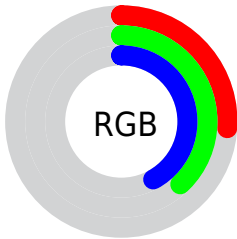
Format	Color
R _{YB}	67, 84, 107
Decimal	4415595
CIE Lab	39.00, -7.62, -9.66
CIE LCh	39, 12.305, 231.761
Yxy	10.6589, 0.2597, 0.3013
Android (android.graphics.Color)	4282605675 (0xFF43606B)
YUV	88.5830, 9.0796, -18.9283
Hunter-Lab	32.6480, -6.9125, -5.3463

Details

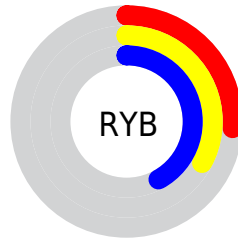
The CIELCh color **39, 12.305, 231.761** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **36, 15.454, 46.904**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 12.141, 229.637**, and **19, 12.301, 231.961** is the 20% darker color. If you saturate the color by 10%, you get **37, 15.055, 233.244**, and if you desaturate by 10%, it is **41, 9.287, 230.587**.

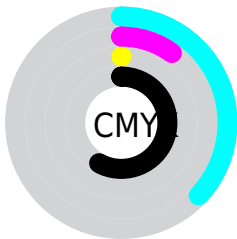
Distribution



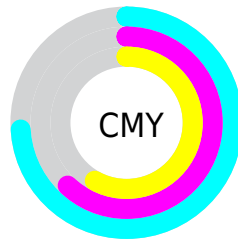
- Red (26%)
- Green (38%)
- Blue (42%)



- Red (26%)
- Yellow (33%)
- Blue (42%)



- Cyan (37%)
- Magenta (10%)
- Yellow (0%)
- Black (58%)





- Cyan (74%)
- Magenta (62%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 12.305, 231.761 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, 12.305, 231.761 by changing the saturation by 10% instead.


 39, 12.305,
231.761


 39, 12.305,
231.761

 100, 12.305,
231.761


 29, 12.305,
231.761

 59, 12.305,
231.761


 19, 12.305,
231.761


 69, 12.305,
231.761

 9, 12.305, 231.761

 79, 12.305,
231.761

 0, 12.305, 231.761

 89, 12.305,
231.761

 99, 12.305,
231.761

■ 39, 12.305,
231.761

■ 39, 12.305,
231.761

■ 37, 15.055,
233.244

■ 41, 9.287, 230.587

■ 36, 17.502,
235.115

■ 42, 6.043, 229.679

■ 35, 19.618,
237.448

■ 44, 2.612, 229.024

■ 33, 21.397,
240.318

■ 48, 4.660, 47.823

■ 32, 22.861,
243.789

■ 49, 8.442, 47.516

■ 31, 24.146,
247.655

■ 51, 12.287, 47.270

■ 31, 24.506,
248.636

■ 53, 16.176, 47.081

■ 55, 20.093, 46.939

Harmonies

Complementary

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



39, 12.305, 231.761



36, 15.454, 46.904

Rectangle

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



39, 12.305, 231.761



39, 12.305, 281.761



39, 12.305, 51.761



39, 12.305, 101.761

Sweetspot

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



39, 12.305, 231.758



56, 4.849, 229.248



42, 24.225, 150.069



29, 3.276, 229.311



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



39, 12.305, 231.758



49, 17.923, 233.069



33, 19.502, 283.652



21, 1.995, 229.108



34, 26.219, 249.171



68, 46.066, 252.266

Inverse Universe

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



34, 24.289, 335.805



42, 36.203, 336.493



42, 18.884, 94.065



21, 3.635, 333.821



25, 53.252, 342.334



55, 90.679, 343.426

Previews

White Background



This preview shows how the CIE LCh color 39, 12.305, 231.761 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, 12.305, 231.761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

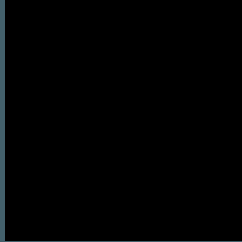
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 12.305, 231.761

Background



This preview shows how black text looks on a background with the CIELCh color 39, 12.305, 231.761.

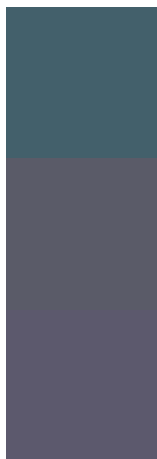


This preview shows how white text looks on a background with the CIELCh color 39, 12.305, 231.761.

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, 12.305, 231.761

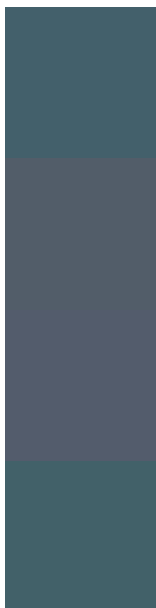
Protanopia
39, 7.970, 288.561

Deuteranopia
39, 12.363, 297.501



Tritanopia
39, 12.057, 219.087

Trichromacy



Original Color
39, 12.305, 231.761

Protanomaly
39, 8.382, 260.753

Deuteranomaly
39, 10.294, 272.137

Tritanomaly
39, 12.211, 221.961

Monochromacy



Original Color
39, 12.305, 231.761

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 5.005, 228.450

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 12.305, 231.761 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(67, 96, 107)` looks like.

```
.text, #text, p{  
    color:rgb(67, 96, 107)  
}
```

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(67, 96, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 96, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 12.305, 231.761 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(67, 96, 107) }
```

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

```
.border{ border-color:rgb(67, 96, 107) }
```

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

Here you see how a box with a 4 pixel rgb(67, 96, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 96, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 96, 107);  
box-shadow:4px 4px 4px 4px rgb(67, 96,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 12.305, 231.761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 96, 107) }
```

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

```
.background{ background-color: rgb(67, 96,  
107) }
```

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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