

Converting Colors

CIELCh(39, 26.643, 242.801)

Have a look what the booklet for
CIELCh(39, 26.643, 242.801)
contains.

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Color

CIELCh(39, 26.760, 243.458)

Conversions

Conversions Part 1

Format	Color
Hex	0C6382
RGB	12, 99, 130
RGB Percent	5%, 39%, 51%
CMY	0.9544, 0.6109, 0.4893
CMYK	0.91, 0.24, 0.00, 0.49
HSL	196°, 84%, 28%
HSV	196°, 91%, 51%
XYZ	8.6740, 10.6589, 22.8013
YIQ	76.5210, -61.8030, -8.8030

Conversions

Conversions Part 2

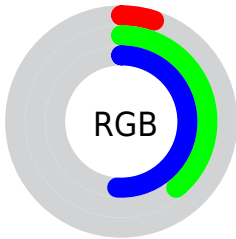
Format	Color
R_{YB}	12, 62, 130
Decimal	811906
CIE _{Lab}	39.00, -11.96, -23.94
CIE _{LCh}	39, 26.760, 243.458
Yxy	10.6589, 0.2059, 0.2530
Android (android.graphics.Color)	4279001986 (0xFF0C6382)
YUV	76.5210, 26.3651, -56.5849
Hunter-Lab	32.6480, -9.7098, -18.5544

Details

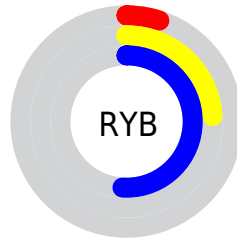
The CIELCh color **39, 26.760, 243.458** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **31, 52.390, 46.114**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 26.611, 243.219**, and **20, 21.843, 259.824** is the 20% darker color. If you saturate the color by 10%, you get **38, 27.915, 247.066**, and if you desaturate by 10%, it is **40, 25.329, 239.702**.

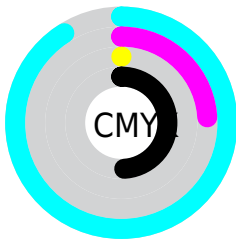
Distribution



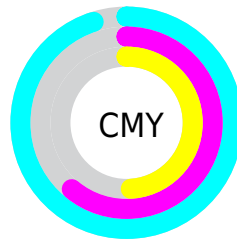
- Red (5%)
- Green (39%)
- Blue (51%)



- Red (5%)
- Yellow (24%)
- Blue (51%)



- Cyan (91%)
- Magenta (24%)
- Yellow (0%)
- Black (49%)




- Cyan (95%)
- Magenta (61%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 26.760, 243.458 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, 26.760, 243.458 by changing the saturation by 10% instead.

 39, 26.760,
243.458


 39, 26.760,
243.458

 100, 26.760,
243.458


 29, 26.760,
243.458

 59, 26.760,
243.458

 19, 26.760,
243.458

 69, 26.760,
243.458

 9, 26.760, 243.458

 79, 26.760,
243.458

 0, 26.760, 243.458

 89, 26.760,
243.458

 99, 26.760,
243.458

■ 39, 26.760,
243.458

■ 39, 26.760,
243.458

■ 38, 27.915,
247.066

■ 40, 25.329,
239.702

■ 42, 23.530,
236.586

■ 43, 21.313,
234.057

■ 45, 18.673,
232.037

■ 47, 15.637,
230.442

■ 48, 12.246,
229.196

■ 50, 8.551, 228.235

■ 52, 4.604, 227.521

Harmonies

Complementary

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



39, 26.760, 243.458



31, 52.390, 46.114

Rectangle

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



39, 26.760, 243.458



39, 26.760, 293.458



39, 26.760, 63.458



39, 26.760, 113.458

Sweetspot

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



39, 26.759, 243.458



62, 13.265, 228.834



47, 62.108, 141.735



31, 8.821, 229.121



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



39, 26.759, 243.458



49, 33.895, 248.235



21, 58.956, 297.163



27, 2.391, 227.415



38, 27.885, 247.059



0, 0.584, 226.827

Inverse Universe

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



29, 56.599, 340.434



38, 69.456, 342.016



44, 48.691, 85.497



26, 4.391, 333.317



28, 57.760, 341.625



0, 1.045, 332.771

Previews

White Background



This preview shows how the CIELCh color 39, 26.760, 243.458 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, 26.760, 243.458 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, 26.760, 243.458

Background



This preview shows how black text looks on a background with the CIELCh color 39, 26.760, 243.458.

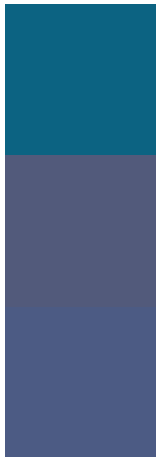


This preview shows how white text looks on a background with the CIELCh color 39, 26.760, 243.458.

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, 26.712, 243.566

Protanopia
39, 20.337, 285.262

Deuteranopia
39, 25.372, 282.662



Tritanopia
39, 24.698, 208.237

Trichromacy



Original Color
39, 26.712, 243.566

Protanomaly
38, 22.759, 262.582

Deuteranomaly
39, 25.143, 264.178

Tritanomaly
39, 24.394, 220.963

Monochromacy



Original Color
39, 26.712, 243.566

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 13.161, 229.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 26.760, 243.458 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(12, 99, 130)` looks like.

```
.text, #text, p{  
    color:rgb(12, 99, 130)  
}
```

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(12, 99, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 99, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 26.760, 243.458 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(12, 99, 130) }
```

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

```
.border{ border-color:rgb(12, 99, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 99, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 99, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 99, 130);  
box-shadow:4px 4px 4px 4px rgb(12, 99,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 26.760, 243.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 99, 130) }
```

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

```
.background{ background-color: rgb(12, 99,  
130) }
```

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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