

Converting Colors

CIELCh(39, 25.094, 202.782)

Have a look what the booklet for
CIELCh(39, 25.094, 202.782)
contains.

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Color

CIELCh(39, 25.193, 202.158)

Conversions

Conversions Part 1

Format	Color
Hex	00676B
RGB	0, 103, 107
RGB Percent	0%, 40%, 42%
CMY	1.0000, 0.5978, 0.5821
CMYK	1.00, 0.04, 0.00, 0.58
HSL	182°, 100%, 21%
HSV	182°, 100%, 42%
XYZ	7.4245, 10.6589, 15.4558
YIQ	72.6590, -62.6720, -20.5920

Conversions

Conversions Part 2

Format	Color
RYB	0, 52, 107
Decimal	26475
CIELab	39.00, -23.33, -9.50
CIELCh	39, 25.193, 202.158
Yxy	10.6589, 0.2214, 0.3178
Android (android.graphics.Color)	4278216555 (0xFF00676B)
YUV	72.6590, 16.9301, -63.7219
Hunter-Lab	32.6480, -16.5416, -5.2146

Details

The CIELCh color **39, 25.193, 202.158** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **21, 51.901, 37.485**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 25.414, 201.061**, and **20, 16.289, 208.854** is the 20% darker color. If you saturate the color by 10%, you get **39, 25.116, 202.182**, and if you desaturate by 10%, it is **39, 24.455, 201.819**.

Distribution



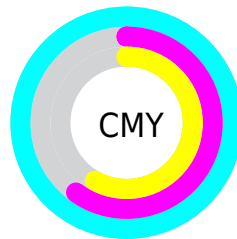
- Red (0%)
- Green (40%)
- Blue (42%)



- Red (0%)
- Yellow (20%)
- Blue (42%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (58%)





- Cyan (100%)
- Magenta (60%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 25.193, 202.158 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, 25.193, 202.158 by changing the saturation by 10% instead.


 39, 25.193,
202.158


 39, 25.193,
202.158

 100, 25.193,
202.158


 29, 25.193,
202.158

 59, 25.193,
202.158


 19, 25.193,
202.158


 69, 25.193,
202.158

 9, 25.193, 202.158

 79, 25.193,
202.158

 0, 25.193, 202.158

 89, 25.193,
202.158

 99, 25.193,
202.158

■ 39, 25.193,
202.158

■ 39, 25.193,
202.158

■ 39, 25.116,
202.182

■ 39, 24.455,
201.819

■ 40, 23.534,
201.514

■ 40, 22.112,
201.332

■ 40, 20.180,
201.267

■ 41, 17.759,
201.307

■ 42, 14.886,
201.443

■ 42, 11.614,
201.664

■ 43, 8.002, 201.963

Harmonies

Complementary

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



39, 25.193, 202.158



21, 51.901, 37.485

Rectangle

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



39, 25.193, 202.158



39, 25.193, 252.158



39, 25.193, 22.158



39, 25.193, 72.158

Sweetspot

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



39, 25.116, 202.182



54, 14.291, 201.643



39, 62.253, 136.530



27, 9.567, 201.570



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



39, 25.116, 202.182



50, 30.145, 202.348



21, 38.550, 284.759



22, 2.326, 202.396



43, 26.877, 202.248



85, 46.124, 202.614

Inverse Universe

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



24, 59.142, 329.703



32, 71.018, 329.745



29, 43.794, 65.305



21, 4.296, 325.904



27, 63.300, 329.720



57, 108.744, 329.811

Previews

White Background



This preview shows how the CIE LCh color 39, 25.193, 202.158 looks on a white background.

Color Contrast Check

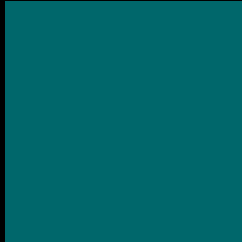
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.193, 202.158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

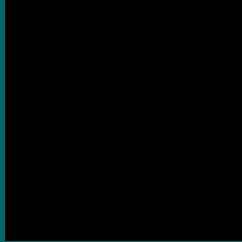
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 25.193, 202.158

Background



This preview shows how black text looks on a background with the CIELCh color 39, 25.193, 202.158.



This preview shows how white text looks on a background with the CIELCh color 39, 25.193, 202.158.

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, 25.193, 202.158

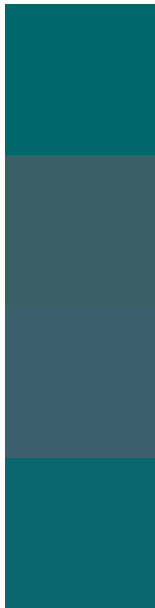
Protanopia
39, 4.906, 290.950

Deuteranopia
39, 11.694, 295.797



Tritanopia
39, 23.686, 208.844

Trichromacy



Original Color
39, 25.193, 202.158

Protanomaly
38, 13.827, 216.165

Deuteranomaly
38, 14.621, 231.505

Tritanomaly
39, 24.114, 207.054

Monochromacy



Original Color
39, 25.193, 202.158

Achromatopsia
31, 0.005, 296.813

Achromatomaly
33, 13.693, 202.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 25.193, 202.158 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(0, 103, 107)` looks like.

```
.text, #text, p{  
    color:rgb(0, 103, 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(0, 103, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 103, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 25.193, 202.158 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(0, 103, 107) }
```

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

```
.border{ border-color:rgb(0, 103, 107) }
```

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

Here you see how a box with a 4 pixel rgb(0, 103, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 103, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 103, 107);  
box-shadow:4px 4px 4px 4px rgb(0, 103,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 25.193, 202.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 103, 107) }
```

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

```
.background{ background-color: rgb(0, 103,  
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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