

Converting Colors

CIELCh(39, 25.003, 205.126)

Have a look what the booklet for
CIELCh(39, 25.003, 205.126)
contains.

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Color

CIELCh(39, 24.827, 205.203)

Conversions

Conversions Part 1

Format	Color
Hex	01666C
RGB	1, 102, 108
RGB Percent	0%, 40%, 42%
CMY	0.9970, 0.5988, 0.5752
CMYK	0.99, 0.06, 0.00, 0.58
HSL	183°, 99%, 21%
HSV	183°, 99%, 42%
XYZ	7.5154, 10.6589, 15.9363
YIQ	72.4850, -62.1220, -19.5460

Conversions

Conversions Part 2

Format	Color
RYB	1, 53, 108
Decimal	91756
CIELab	39.00, -22.46, -10.57
CIELCh	39, 24.827, 205.203
Yxy	10.6589, 0.2203, 0.3125
Android (android.graphics.Color)	4278281836 (0xFF01666C)
YUV	72.4850, 17.5089, -62.6923
Hunter-Lab	32.6480, -16.0445, -6.0872

Details

The CIELCh color **39, 24.827, 205.203** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **21, 52.119, 38.008**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 24.552, 205.337**, and **20, 16.256, 211.426** is the 20% darker color. If you saturate the color by 10%, you get **39, 24.871, 205.245**, and if you desaturate by 10%, it is **39, 24.205, 204.582**.

Distribution



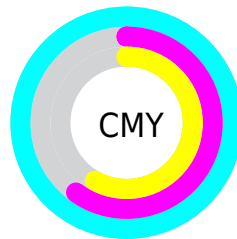
- Red (0%)
- Green (40%)
- Blue (42%)



- Red (0%)
- Yellow (21%)
- Blue (42%)



- Cyan (99%)
- Magenta (6%)
- Yellow (0%)
- Black (58%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 24.827, 205.203 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, 24.827, 205.203 by changing the saturation by 10% instead.


 39, 24.827,
205.203


 39, 24.827,
205.203

 100, 24.827,
205.203

 29, 24.827,
205.203

 59, 24.827,
205.203

 19, 24.827,
205.203


 69, 24.827,
205.203

 9, 24.827, 205.203

 79, 24.827,
205.203

 0, 24.827, 205.203

 89, 24.827,
205.203

 99, 24.827,
205.203

■ 39, 24.827,
205.203

■ 39, 24.827,
205.203

■ 39, 24.871,
205.245

■ 39, 24.205,
204.582

■ 40, 23.283,
204.056

■ 40, 21.853,
203.693

■ 41, 19.910,
203.477

■ 41, 17.476,
203.393

■ 42, 14.593,
203.425

■ 43, 11.313,
203.559

■ 44, 7.698, 203.783

Harmonies

Complementary

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



39, 24.827, 205.203



21, 52.119, 38.008

Rectangle

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



39, 24.827, 205.203



39, 24.827, 255.203



39, 24.827, 25.203



39, 24.827, 75.203

Sweetspot

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



39, 24.827, 205.202



55, 14.248, 203.533



39, 62.409, 136.814



28, 9.679, 203.484



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, 24.827, 205.202



50, 29.893, 205.502



21, 40.008, 286.088



22, 2.285, 204.121



42, 26.308, 205.330



84, 45.106, 205.901

Inverse Universe

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



24, 58.851, 330.444



32, 70.967, 330.528



30, 43.929, 66.815



21, 4.243, 326.421



27, 62.434, 330.485



57, 107.170, 330.627

Previews

White Background



This preview shows how the CIELCh color 39, 24.827, 205.203 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, 24.827, 205.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

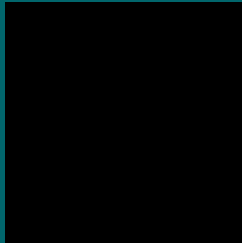
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 24.827, 205.203

Background



This preview shows how black text looks on a background with the CIELCh color 39, 24.827, 205.203.



This preview shows how white text looks on a background with the CIELCh color 39, 24.827, 205.203.

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, 24.755, 205.236

Protanopia

39, 6.130, 291.136

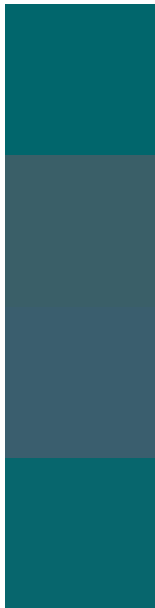
Deuteranopia

39, 12.893, 293.872



Tritanopia
39, 23.924, 208.697

Trichromacy



Original Color
39, 24.755, 205.236

Protanomaly
38, 14.075, 221.285

Deuteranomaly
38, 15.469, 238.085

Tritanomaly
39, 24.256, 206.978

Monochromacy



Original Color
39, 24.755, 205.236

Achromatopsia
31, 0.005, 296.813

Achromatomaly
33, 13.693, 202.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 24.827, 205.203 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(1, 102, 108)` looks like.

```
.text, #text, p{  
    color:rgb(1, 102, 108)  
}
```

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(1, 102, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 102, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 24.827, 205.203 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(1, 102, 108) }
```

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

```
.border{ border-color:rgb(1, 102, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 102, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 102, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 102, 108);  
box-shadow:4px 4px 4px 4px rgb(1, 102,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 24.827, 205.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 102, 108) }
```

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

```
.background{ background-color: rgb(1, 102,  
108) }
```

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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