

Converting Colors

CIELCh(39, 25.065, 200.204)

Have a look what the booklet for
CIELCh(39, 25.065, 200.204)
contains.

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Color

CIELCh(39, 25.220, 199.290)

Conversions

Conversions Part 1

Format	Color
Hex	026769
RGB	2, 103, 105
RGB Percent	1%, 40%, 41%
CMY	0.9915, 0.5974, 0.5896
CMYK	0.98, 0.02, 0.00, 0.59
HSL	181°, 96%, 21%
HSV	181°, 98%, 41%
XYZ	7.3754, 10.6589, 14.9414
YIQ	73.0290, -60.8380, -20.7900

Conversions

Conversions Part 2

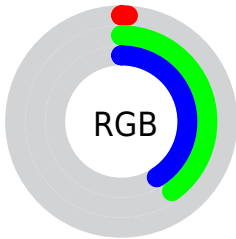
Format	Color
RYB	2, 53, 105
Decimal	157545
CIELab	39.00, -23.80, -8.33
CIELCh	39, 25.220, 199.290
Yxy	10.6589, 0.2237, 0.3232
Android (android.graphics.Color)	4278347625 (0xFF026769)
YUV	73.0290, 15.7617, -62.2924
Hunter-Lab	32.6480, -16.8097, -4.2805

Details

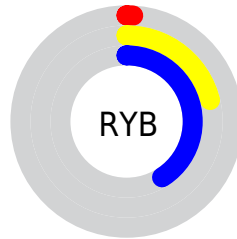
The CIELCh color **39, 25.220, 199.290** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **20, 50.573, 36.534**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 25.362, 198.464**, and **20, 16.442, 203.764** is the 20% darker color. If you saturate the color by 10%, you get **39, 25.369, 199.316**, and if you desaturate by 10%, it is **39, 24.496, 199.154**.

Distribution



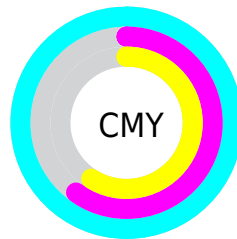
- Red (1%)
- Green (40%)
- Blue (41%)



- Red (1%)
- Yellow (21%)
- Blue (41%)



- Cyan (98%)
- Magenta (2%)
- Yellow (0%)
- Black (59%)





- Cyan (99%)
- Magenta (60%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 25.220, 199.290 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, 25.220, 199.290 by changing the saturation by 10% instead.


 39, 25.220,
199.290


 39, 25.220,
199.290

 100, 25.220,
199.290


 29, 25.220,
199.290

 59, 25.220,
199.290


 19, 25.220,
199.290


 69, 25.220,
199.290

 9, 25.220, 199.290

 79, 25.220,
199.290

 0, 25.220, 199.290

 89, 25.220,
199.290

 99, 25.220,
199.290

■ 39, 25.220,
199.290

■ 39, 25.220,
199.290

■ 39, 25.369,
199.316

■ 39, 24.496,
199.154

■ 39, 23.434,
199.079

■ 40, 21.874,
199.092

■ 40, 19.812,
199.191

■ 41, 17.271,
199.370

■ 41, 14.292,
199.624

■ 42, 10.928,
199.946

■ 43, 7.238, 200.334

Harmonies

Complementary

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



39, 25.220, 199.290



20, 50.573, 36.534

Rectangle

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



39, 25.220, 199.290



39, 25.220, 249.290



39, 25.220, 19.290



39, 25.220, 69.290

Sweetspot

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



39, 25.220, 199.289



53, 13.910, 199.881



38, 61.217, 136.430



27, 9.508, 199.775



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, 25.220, 199.289



50, 30.440, 199.398



22, 36.001, 282.359



22, 2.367, 200.752



44, 27.499, 199.355



86, 47.249, 199.535

Inverse Universe

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



24, 58.677, 328.942



31, 71.037, 329.003



29, 42.449, 64.188



21, 4.349, 325.407



27, 64.165, 328.992



58, 110.319, 329.037

Previews

White Background



This preview shows how the CIE LCh color 39, 25.220, 199.290 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, 25.220, 199.290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

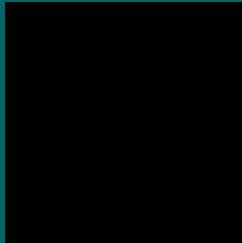
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 25.220, 199.290

Background



This preview shows how black text looks on a background with the CIELCh color 39, 25.220, 199.290.



This preview shows how white text looks on a background with the CIELCh color 39, 25.220, 199.290.

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, 25.294, 199.274

Protanopia

39, 3.709, 297.130

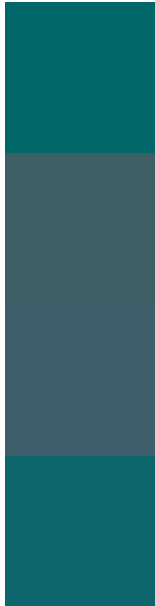
Deuteranopia

39, 11.123, 297.957



Tritanopia
39, 23.410, 209.017

Trichromacy



Original Color
39, 25.294, 199.274

Protanomaly
38, 13.387, 211.237

Deuteranomaly
38, 14.129, 229.827

Tritanomaly
39, 23.957, 205.611

Monochromacy



Original Color
39, 25.294, 199.274

Achromatopsia
31, 0.005, 296.813

Achromatomaly
33, 13.754, 200.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 25.220, 199.290 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(2, 103, 105)` looks like.

```
.text, #text, p{  
    color:rgb(2, 103, 105)  
}
```

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(2, 103, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 103, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 25.220, 199.290 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(2, 103, 105) }
```

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

```
.border{ border-color:rgb(2, 103, 105) }
```

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

Here you see how a box with a 4 pixel rgb(2, 103, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 103, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 103, 105);  
box-shadow:4px 4px 4px 4px rgb(2, 103,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 25.220, 199.290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 103, 105) }
```

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

```
.background{ background-color: rgb(2, 103,  
105) }
```

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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