

Converting Colors

CIELCh(39, 24.067, 201.045)

Have a look what the booklet for
CIELCh(39, 24.067, 201.045)
contains.

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Color

CIELCh(39, 24.064, 201.036)

Conversions

Conversions Part 1

Format	Color
Hex	0E6669
RGB	14, 102, 105
RGB Percent	5%, 40%, 41%
CMY	0.9436, 0.5993, 0.5875
CMYK	0.86, 0.03, 0.00, 0.59
HSL	182°, 76%, 23%
HSV	182°, 86%, 41%
XYZ	7.5157, 10.6589, 15.0750
YIQ	76.0300, -53.4110, -17.7230

Conversions

Conversions Part 2

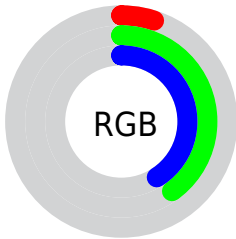
Format	Color
RYB	14, 59, 105
Decimal	943721
CIELab	39.00, -22.46, -8.64
CIElCh	39, 24.064, 201.036
Yxy	10.6589, 0.2260, 0.3206
Android (android.graphics.Color)	4279133801 (0xFF0E6669)
YUV	76.0300, 14.2822, -54.4003
Hunter-Lab	32.6480, -16.0426, -4.5231

Details

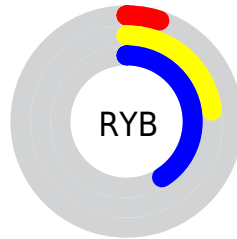
The CIELCh color **39, 24.064, 201.036** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22, 46.044, 35.158**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 24.012, 201.395**, and **20, 16.442, 203.764** is the 20% darker color. If you saturate the color by 10%, you get **39, 24.775, 201.333**, and if you desaturate by 10%, it is **39, 22.955, 200.829**.

Distribution



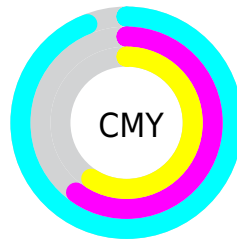
- Red (5%)
- Green (40%)
- Blue (41%)



- Red (5%)
- Yellow (23%)
- Blue (41%)



- Cyan (86%)
- Magenta (3%)
- Yellow (0%)
- Black (59%)





- Cyan (94%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 24.064, 201.036 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, 24.064, 201.036 by changing the saturation by 10% instead.

 39, 24.064,
201.036


 39, 24.064,
201.036

 100, 24.064,
201.036

 29, 24.064,
201.036

 59, 24.064,
201.036


 19, 24.064,
201.036


 69, 24.064,
201.036

 9, 24.064, 201.036

 79, 24.064,
201.036

 0, 24.064, 201.036

 89, 24.064,
201.036

 99, 24.064,
201.036

■ 39, 24.064,
201.036

■ 39, 24.064,
201.036

■ 39, 24.775,
201.333

■ 39, 22.955,
200.829

■ 39, 25.026,
201.441

■ 40, 21.345,
200.734

■ 40, 19.236,
200.745

■ 41, 16.653,
200.852

■ 41, 13.642,
201.046

■ 42, 10.257,
201.317

■ 43, 6.557, 201.663

■ 44, 2.602, 202.122

Harmonies

Complementary

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



39, 24.064, 201.036



22, 46.044, 35.158

Rectangle

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



39, 24.064, 201.036



39, 24.064, 251.036



39, 24.064, 21.036



39, 24.064, 71.036

Sweetspot

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



39, 24.064, 201.035



54, 12.624, 201.304



38, 57.927, 137.278



27, 8.422, 201.232



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, 24.064, 201.035



50, 30.317, 201.593



24, 31.852, 277.848



22, 2.336, 201.977



43, 27.028, 201.507



85, 46.396, 201.824

Inverse Universe

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



25, 55.495, 329.199



32, 71.265, 329.556



30, 37.995, 66.148



21, 4.309, 325.778



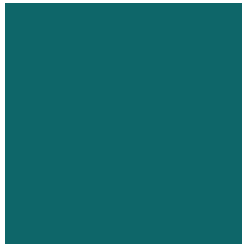
27, 63.516, 329.534



58, 109.138, 329.614

Previews

White Background



This preview shows how the CIELCh color 39, 24.064, 201.036 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, 24.064, 201.036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

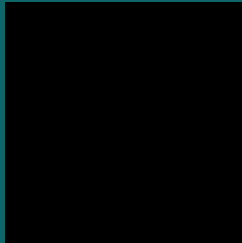
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 24.064, 201.036

Background



This preview shows how black text looks on a background with the CIELCh color 39, 24.064, 201.036.



This preview shows how white text looks on a background with the CIELCh color 39, 24.064, 201.036.

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, 24.064, 201.036

Protanopia

39, 4.293, 290.856

Deuteranopia

39, 11.753, 297.718



Tritanopia
39, 22.885, 210.988

Trichromacy



Original Color
39, 24.064, 201.036

Protanomaly
38, 12.252, 215.680

Deuteranomaly
38, 13.147, 236.058

Tritanomaly
39, 23.156, 207.592

Monochromacy



Original Color
39, 24.064, 201.036

Achromatopsia
32, 0.005, 296.813

Achromatomaly
34, 12.182, 200.748

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 24.064, 201.036 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(14, 102, 105)` looks like.

```
.text, #text, p{  
    color:rgb(14, 102, 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(14, 102, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 102, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 24.064, 201.036 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(14, 102, 105) }
```

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

```
.border{ border-color:rgb(14, 102, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 102, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 102, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 102, 105);  
box-shadow:4px 4px 4px 4px rgb(14, 102,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 24.064, 201.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 102, 105) }
```

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

```
.background{ background-color: rgb(14, 102,  
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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