

Converting Colors

CIELCh(35, 49.615, 205.963)

Have a look what the booklet for
CIELCh(35, 49.615, 205.963)
contains.

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Color

CIELCh(39, 24.485, 220.893)

Conversions

Conversions Part 1

Format	Color
Hex	036575
RGB	3, 101, 117
RGB Percent	1%, 40%, 46%
CMY	0.9876, 0.6031, 0.5402
CMYK	0.97, 0.14, 0.00, 0.54
HSL	188°, 95%, 24%
HSV	188°, 97%, 46%
XYZ	7.9385, 10.6589, 18.5419
YIQ	73.5220, -63.5440, -15.8000

Conversions

Conversions Part 2

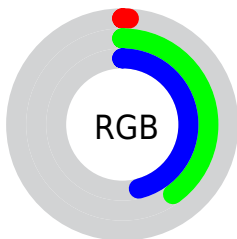
Format	Color
RYB	3, 56, 117
Decimal	222581
CIELab	39.00, -18.51, -16.03
CIELCh	39, 24.485, 220.893
Yxy	10.6589, 0.2137, 0.2870
Android (android.graphics.Color)	4278412661 (0xFF036575)
YUV	73.5220, 21.4347, -61.8478
Hunter-Lab	32.6480, -13.7309, -10.8192

Details

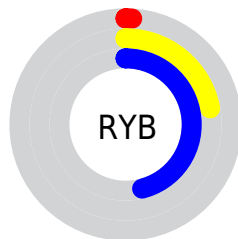
The CIELCh color **39, 24.485, 220.893** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **25, 53.718, 40.658**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 24.353, 221.125**, and **20, 17.110, 234.340** is the 20% darker color. If you saturate the color by 10%, you get **39, 24.647, 221.440**, and if you desaturate by 10%, it is **40, 23.868, 218.836**.

Distribution



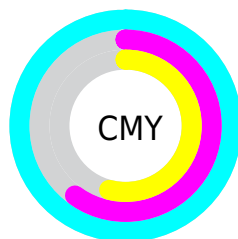
- Red (1%)
- Green (40%)
- Blue (46%)



- Red (1%)
- Yellow (22%)
- Blue (46%)



- Cyan (97%)
- Magenta (14%)
- Yellow (0%)
- Black (54%)




- Cyan (99%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 24.485, 220.893 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, 24.485, 220.893 by changing the saturation by 10% instead.

 39, 24.485,
220.893


 39, 24.485,
220.893

 100, 24.485,
220.893


 29, 24.485,
220.893

 59, 24.485,
220.893

 19, 24.485,
220.893


 69, 24.485,
220.893

 9, 24.485, 220.893

 79, 24.485,
220.893

 0, 24.485, 220.893

 89, 24.485,
220.893

 99, 24.485,
220.893

■ 39, 24.485,
220.893

■ 39, 24.485,
220.893

■ 39, 24.647,
221.440

■ 40, 23.868,
218.836

■ 40, 22.864,
217.108

■ 41, 21.351,
215.757

■ 42, 19.328,
214.732

■ 43, 16.820,
213.980

■ 44, 13.875,
213.456

■ 46, 10.548,
213.120

■ 47, 6.901, 212.942

Harmonies

Complementary

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



39, 24.485, 220.893



25, 53.718, 40.658

Rectangle

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



39, 24.485, 220.893



39, 24.485, 270.893



39, 24.485, 40.893



39, 24.485, 90.893

Sweetspot

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



39, 24.484, 220.893



58, 13.809, 213.186



43, 63.594, 138.153



29, 9.302, 213.294



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



39, 24.484, 220.893



50, 29.852, 222.176



21, 48.498, 292.161



24, 2.295, 212.918



41, 25.414, 221.570



79, 42.988, 223.173

Inverse Universe

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



26, 58.056, 334.288



35, 70.822, 334.636



36, 45.450, 74.289



23, 4.318, 329.015



27, 60.369, 334.484



57, 101.757, 334.887

Previews

White Background



This preview shows how the CIE LCh color 39, 24.485, 220.893 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, 24.485, 220.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

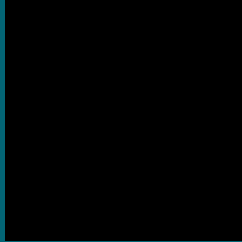
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

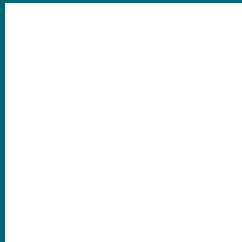
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 24.485, 220.893

Background



This preview shows how black text looks on a background with the CIELCh color 39, 24.485, 220.893.

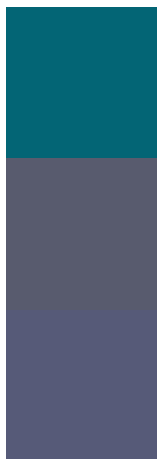


This preview shows how white text looks on a background with the CIELCh color 39, 24.485, 220.893.

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, 24.457, 220.891

Protanopia

39, 11.672, 286.303

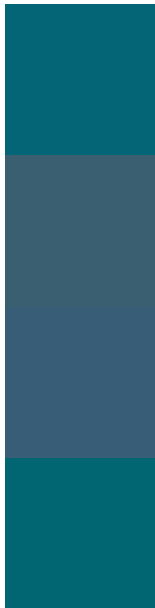
Deuteranopia

39, 18.406, 288.447



Tritanopia
39, 24.698, 208.237

Trichromacy



Original Color
39, 24.457, 220.891

Protanomaly
38, 16.529, 240.589

Deuteranomaly
38, 19.192, 252.215

Tritanomaly
39, 24.552, 212.881

Monochromacy



Original Color
39, 24.457, 220.891

Achromatopsia
31, 0.005, 296.813

Achromatomaly
33, 13.457, 214.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 24.485, 220.893 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(3, 101, 117)` looks like.

```
.text, #text, p{  
    color:rgb(3, 101, 117)  
}
```

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(3, 101, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 101, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 24.485, 220.893 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(3, 101, 117) }
```

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

```
.border{ border-color:rgb(3, 101, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 101, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 101, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 101, 117);  
box-shadow:4px 4px 4px 4px rgb(3, 101,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 24.485, 220.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 101, 117) }
```

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

```
.background{ background-color: rgb(3, 101,  
117) }
```

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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