

Converting Colors

CIELCh(39, 26.699, 168.883)

Have a look what the booklet for
CIELCh(39, 26.699, 168.883)
contains.

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Color

CIELCh(39, 26.699, 168.883)

Conversions

Conversions Part 1

Format	Color
Hex	256753
RGB	37, 103, 83
RGB Percent	15%, 40%, 33%
CMY	0.8560, 0.5971, 0.6755
CMYK	0.64, 0.00, 0.19, 0.60
HSL	162°, 47%, 27%
HSV	162°, 64%, 40%
XYZ	7.1298, 10.6589, 9.8164
YIQ	80.9860, -32.9160, -20.2120

Conversions

Conversions Part 2

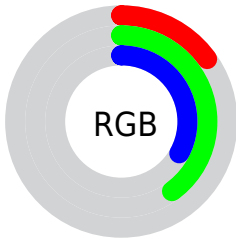
Format	Color
R_{YB}	37, 76, 103
Decimal	2451283
CIE _{Lab}	39.00, -26.20, 5.15
CIE _{LCh}	39, 26.699, 168.883
Yxy	10.6589, 0.2583, 0.3861
Android (android.graphics.Color)	4280641363 (0xFF256753)
YUV	80.9860, 0.9929, -38.5757
Hunter-Lab	32.6480, -18.1524, 5.0267

Details

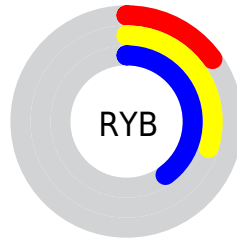
The CIELCh color **39, 26.699, 168.883** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **25, 31.779, 4.881**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 26.968, 168.064**, and **20, 22.756, 164.759** is the 20% darker color. If you saturate the color by 10%, you get **39, 29.705, 167.385**, and if you desaturate by 10%, it is **39, 23.276, 170.232**.

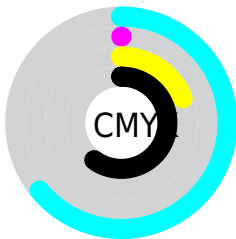
Distribution



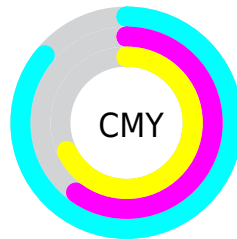
- Red (15%)
- Green (40%)
- Blue (33%)



- Red (15%)
- Yellow (30%)
- Blue (40%)



- Cyan (64%)
- Magenta (0%)
- Yellow (19%)
- Black (60%)




- Cyan (86%)
- Magenta (60%)
- Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 26.699, 168.883 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, 26.699, 168.883 by changing the saturation by 10% instead.


 39, 26.699,
168.883

 39, 26.699,
168.883

 100, 26.699,
168.883


 29, 26.699,
168.883

 59, 26.699,
168.883


 19, 26.699,
168.883


 69, 26.699,
168.883

 9, 26.699, 168.883

 79, 26.699,
168.883

 0, 26.699, 168.883

 89, 26.699,
168.883

 99, 26.699,
168.883

■ 39, 26.699,
168.883

■ 39, 26.699,
168.883

■ 39, 29.705,
167.385

■ 39, 23.276,
170.232

■ 38, 32.264,
165.722

■ 40, 19.486,
171.454

■ 38, 34.415,
163.915

■ 41, 15.393,
172.571

■ 38, 35.621,
162.940

■ 41, 11.067,
173.602

■ 42, 6.575, 174.568

■ 43, 1.977, 175.557

■ 44, 2.674, 356.132

■ 45, 7.334, 356.990

■ 46, 11.969,

357.755

Harmonies

Complementary

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



39, 26.699, 168.883



25, 31.779, 4.881

Rectangle

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



39, 26.699, 168.883



39, 26.699, 218.883



39, 26.699, 348.883



39, 26.699, 38.883

Sweetspot

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



39, 26.699, 168.882



53, 10.745, 174.065



39, 42.851, 132.223



27, 7.319, 173.866



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



39, 26.699, 168.882



49, 37.203, 166.596



36, 18.387, 221.885



21, 2.582, 175.075



42, 38.700, 162.642



85, 68.622, 161.236

Inverse Universe

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



25, 31.779, 4.881



30, 45.386, 9.209



27, 29.727, 39.250



19, 2.645, 356.492



23, 47.973, 18.216



51, 84.726, 21.934

Previews

White Background



This preview shows how the CIELCh color 39, 26.699, 168.883 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 CIE LCh color 39, 26.699, 168.883 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, 26.699, 168.883

Background



This preview shows how black text looks on a background with the CIELCh color 39, 26.699, 168.883.



This preview shows how white text looks on a background with the CIELCh color 39, 26.699, 168.883.

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, 26.699, 168.883

Protanopia
39, 8.824, 94.105

Deuteranopia
39, 6.252, 31.398



Tritanopia
39, 18.033, 213.341

Trichromacy



Original Color
39, 26.699, 168.883

Protanomaly
38, 13.315, 150.420

Deuteranomaly
38, 8.035, 160.675

Tritanomaly
39, 19.600, 193.390

Monochromacy



Original Color
39, 26.699, 168.883

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 10.812, 174.153

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 26.699, 168.883 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(37, 103, 83)` looks like.

```
.text, #text, p{  
    color:rgb(37, 103, 83)  
}
```

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(37, 103, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 103, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 26.699, 168.883 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(37, 103, 83) }
```

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

```
.border{ border-color:rgb(37, 103, 83) }
```

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

Here you see how a box with a 4 pixel rgb(37, 103, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 103, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 103, 83);  
box-shadow:4px 4px 4px 4px rgb(37, 103,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 26.699, 168.883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 103, 83) }
```

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

```
.background{ background-color: rgb(37, 103,  
83) }
```

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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