

Converting Colors

CIELCh(39, 26.126, 174.831)

Have a look what the booklet for
CIELCh(39, 26.126, 174.831)
contains.

CIELCh(39, 26.244, 174.243)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(39, 26.244, 174.243)

Conversions

Conversions Part 1

Format	Color
Hex	206757
RGB	32, 103, 87
RGB Percent	13%, 40%, 34%
CMY	0.8752, 0.5967, 0.6594
CMYK	0.69, 0.00, 0.16, 0.60
HSL	166°, 53%, 26%
HSV	166°, 69%, 40%
XYZ	7.1386, 10.6589, 10.6658
YIQ	79.9470, -37.1800, -20.0280

Conversions

Conversions Part 2

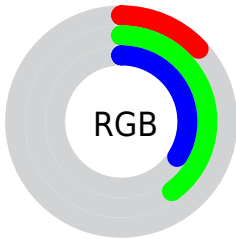
Format	Color
RYB	32, 72, 103
Decimal	2123607
CIELab	39.00, -26.11, 2.63
CIElCh	39, 26.244, 174.243
Yxy	10.6589, 0.2508, 0.3745
Android (android.graphics.Color)	4280313687 (0xFF206757)
YUV	79.9470, 3.4771, -42.0495
Hunter-Lab	32.6480, -18.1045, 3.4842

Details

The CIELCh color **39, 26.244, 174.243** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24, 33.912, 12.202**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 26.439, 174.246**, and **20, 21.010, 170.579** is the 20% darker color. If you saturate the color by 10%, you get **39, 28.654, 172.827**, and if you desaturate by 10%, it is **39, 23.382, 175.525**.

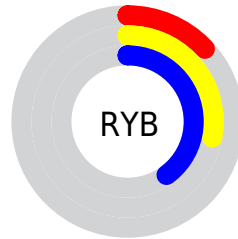
Distribution



Red (13%)

Green (40%)

Blue (34%)



Red (13%)

Yellow (28%)

Blue (40%)

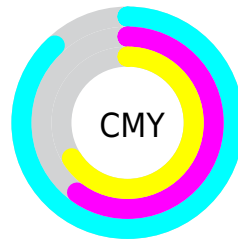


Cyan (69%)

Magenta (0%)

Yellow (16%)

Black (60%)



Cyan (88%)


Magenta (60%)

Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 26.244, 174.243 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, 26.244, 174.243 by changing the saturation by 10% instead.


 39, 26.244,
174.243


 39, 26.244,
174.243

 100, 26.244,
174.243


 29, 26.244,
174.243

 59, 26.244,
174.243


 19, 26.244,
174.243

 69, 26.244,
174.243

 9, 26.244, 174.243

 79, 26.244,
174.243

 0, 26.244, 174.243

 89, 26.244,
174.243

 99, 26.244,
174.243

■ 39, 26.244,
174.243

■ 39, 26.244,
174.243

■ 39, 28.654,
172.827

■ 39, 23.382,
175.525

■ 38, 30.601,
171.263

■ 40, 20.104,
176.697

■ 38, 32.292,
169.671

■ 40, 16.465,
177.777

■ 38, 32.451,
169.531

■ 41, 12.528,
178.784

■ 42, 8.360, 179.734

■ 43, 4.025, 180.660

■ 44, 0.421, 0.691

■ 45, 4.927, 2.170

■ 46, 9.454, 2.974

Harmonies

Complementary

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



39, 26.244, 174.243



24, 33.912, 12.202

Rectangle

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



39, 26.244, 174.243



39, 26.244, 224.243



39, 26.244, 354.243



39, 26.244, 44.243

Sweetspot

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



39, 26.244, 174.242



53, 11.302, 179.499



39, 46.691, 134.181



27, 7.565, 179.323



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, 26.244, 174.242



49, 35.874, 171.871



33, 19.256, 236.434



21, 2.476, 180.674



43, 35.191, 169.268



86, 62.064, 168.010

Inverse Universe

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



24, 33.912, 12.202



29, 48.651, 17.909



28, 31.064, 46.057



19, 2.553, 2.061



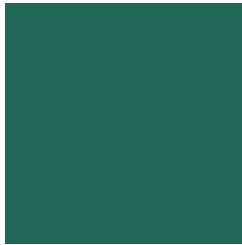
23, 49.752, 24.870



51, 88.700, 28.539

Previews

White Background



This preview shows how the CIE LCh color 39, 26.244, 174.243 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, 26.244, 174.243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

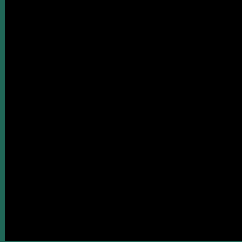
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 26.244, 174.243

Background



This preview shows how black text looks on a background with the CIELCh color 39, 26.244, 174.243.

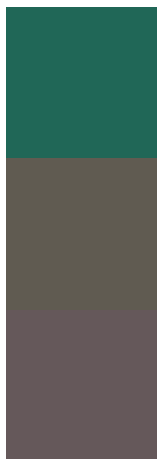


This preview shows how white text looks on a background with the CIELCh color 39, 26.244, 174.243.

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, 26.244, 174.243

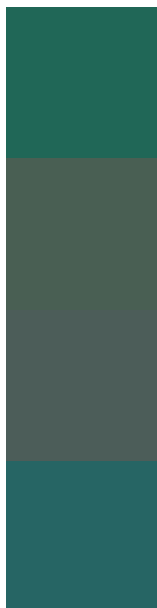
Protanopia
39, 6.484, 89.286

Deuteranopia
39, 5.729, 7.889



Tritanopia
39, 19.147, 212.258

Trichromacy



Original Color
39, 26.244, 174.243

Protanomaly
38, 11.838, 159.448

Deuteranomaly
38, 7.429, 179.066

Tritanomaly
39, 20.806, 195.194

Monochromacy



Original Color
39, 26.244, 174.243

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 11.238, 178.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 26.244, 174.243 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(32, 103, 87)` looks like.

```
.text, #text, p{  
    color:rgb(32, 103, 87)  
}
```

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(32, 103, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 103, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 26.244, 174.243 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(32, 103, 87) }
```

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

```
.border{ border-color:rgb(32, 103, 87) }
```

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

Here you see how a box with a 4 pixel rgb(32, 103, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 103, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 103, 87);  
box-shadow:4px 4px 4px 4px rgb(32, 103,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 26.244, 174.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 103, 87) }
```

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

```
.background{ background-color: rgb(32, 103,  
87) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor