

Converting Colors

CIELCh(39, 27.118, 184.194)

Have a look what the booklet for
CIELCh(39, 27.118, 184.194)
contains.

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Color

CIELCh(39, 27.043, 184.298)

Conversions

Conversions Part 1

Format	Color
Hex	0A675E
RGB	10, 103, 94
RGB Percent	4%, 40%, 37%
CMY	0.9609, 0.5945, 0.6299
CMYK	0.90, 0.00, 0.09, 0.59
HSL	174°, 82%, 22%
HSV	174°, 90%, 41%
XYZ	7.0521, 10.6589, 12.3659
YIQ	74.1670, -52.5390, -22.5150

Conversions

Conversions Part 2

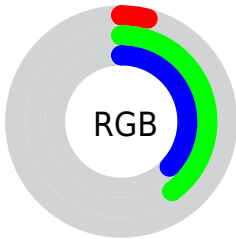
Format	Color
R_{YB}	10, 59, 103
Decimal	681822
CIE _{Lab}	39.00, -26.97, -2.03
CIE _{LCh}	39, 27.043, 184.298
Yxy	10.6589, 0.2345, 0.3544
Android (android.graphics.Color)	4278871902 (0xFF0A675E)
YUV	74.1670, 9.7777, -56.2745
Hunter-Lab	32.6480, -18.5773, 0.3967

Details

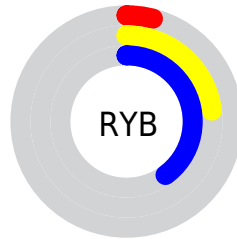
The CIELCh color **39, 27.043, 184.298** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **21, 45.352, 29.864**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 27.109, 183.565**, and **20, 18.732, 181.119** is the 20% darker color. If you saturate the color by 10%, you get **39, 28.090, 183.382**, and if you desaturate by 10%, it is **39, 25.739, 185.245**.

Distribution



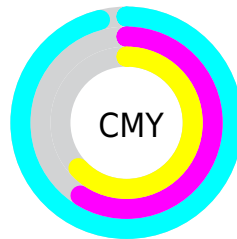
- Red (4%)
- Green (40%)
- Blue (37%)



- Red (4%)
- Yellow (23%)
- Blue (40%)



- Cyan (90%)
- Magenta (0%)
- Yellow (9%)
- Black (59%)



- Cyan (96%)
- Magenta (59%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 27.043, 184.298 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, 27.043, 184.298 by changing the saturation by 10% instead.

 39, 27.043,
184.298


 39, 27.043,
184.298

 100, 27.043,
184.298


 29, 27.043,
184.298

 59, 27.043,
184.298


 19, 27.043,
184.298

 69, 27.043,
184.298

 9, 27.043, 184.298

 79, 27.043,
184.298

 0, 27.043, 184.298

 89, 27.043,
184.298

 99, 27.043,
184.298

■ 39, 27.043,
184.298

■ 39, 27.043,
184.298

■ 39, 28.090,
183.382

■ 39, 25.739,
185.245

■ 39, 23.951,
186.126

■ 40, 21.675,
186.955

■ 40, 18.937,
187.748

■ 41, 15.779,
188.514

■ 41, 12.260,
189.265

■ 42, 8.442, 190.009

■ 43, 4.386, 190.768

Harmonies

Complementary

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



39, 27.043, 184.298



21, 45.352, 29.864

Rectangle

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



39, 27.043, 184.298



39, 27.043, 234.298



39, 27.043, 4.298



39, 27.043, 54.298

Sweetspot

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



39, 27.043, 184.297



54, 13.685, 189.457



38, 58.059, 135.760



27, 9.230, 189.278



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, 27.043, 184.297



50, 34.117, 183.039



27, 26.752, 265.399



21, 2.356, 190.885



43, 30.278, 183.240



86, 52.838, 182.513

Inverse Universe

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



21, 45.352, 29.864



27, 61.104, 34.755



27, 40.267, 55.646



19, 2.460, 12.041



22, 53.518, 33.423



51, 96.436, 36.759

Previews

White Background



This preview shows how the CIE LCh color 39, 27.043, 184.298 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, 27.043, 184.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

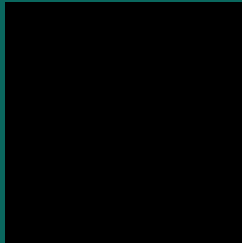
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 27.043, 184.298

Background



This preview shows how black text looks on a background with the CIELCh color 39, 27.043, 184.298.



This preview shows how white text looks on a background with the CIELCh color 39, 27.043, 184.298.

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, 26.965, 184.273

Protanopia
39, 2.752, 81.804

Deuteranopia
39, 6.695, 324.887



Tritanopia
39, 22.011, 209.960

Trichromacy



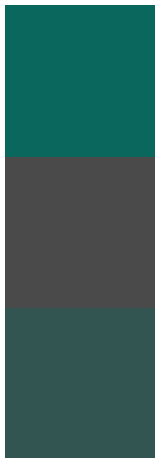
Original Color
39, 26.965, 184.273

Protanomaly
38, 13.487, 181.725

Deuteranomaly
38, 10.772, 208.041

Tritanomaly
39, 23.436, 199.687

Monochromacy



Original Color
39, 26.965, 184.273

Achromatopsia
31, 0.005, 296.813

Achromatomaly
34, 13.505, 186.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 27.043, 184.298 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(10, 103, 94)` looks like.

```
.text, #text, p{  
    color:rgb(10, 103, 94)  
}
```

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(10, 103, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 103, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 27.043, 184.298 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(10, 103, 94) }
```

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

```
.border{ border-color:rgb(10, 103, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 103, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 103, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 103, 94);  
box-shadow:4px 4px 4px 4px rgb(10, 103,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 27.043, 184.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 103, 94) }
```

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

```
.background{ background-color: rgb(10, 103,  
94) }
```

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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