

Converting Colors

CIELCh(59, 37.868, 184.772)

Have a look what the booklet for
CIELCh(59, 37.868, 184.772)
contains.

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Color

CIELCh(59, 37.783, 184.754)

Conversions

Conversions Part 1

Format	Color
Hex	039F92
RGB	3, 159, 146
RGB Percent	1%, 62%, 57%
CMY	0.9866, 0.3751, 0.4261
CMYK	0.98, 0.00, 0.08, 0.38
HSL	175°, 96%, 32%
HSV	175°, 98%, 62%
XYZ	17.7177, 27.0277, 31.6187
YIQ	110.8740, -88.8030, -37.1150

Conversions

Conversions Part 2

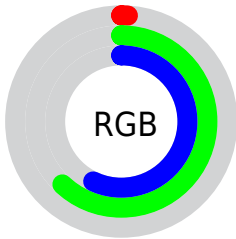
Format	Color
RYB	3, 84, 159
Decimal	237458
CIELab	59.00, -37.65, -3.13
CIELCh	59, 37.783, 184.754
Yxy	27.0277, 0.2320, 0.3539
Android (android.graphics.Color)	4278427538 (0xFF039F92)
YUV	110.8740, 17.3171, -94.6055
Hunter-Lab	51.9882, -30.1462, 0.3321

Details

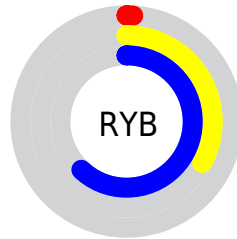
The CIELCh color **59, 37.783, 184.754** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **33, 68.917, 35.459**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 37.481, 185.142**, and **40, 28.982, 182.555** is the 20% darker color. If you saturate the color by 10%, you get **59, 37.999, 184.549**, and if you desaturate by 10%, it is **59, 36.678, 185.713**.

Distribution



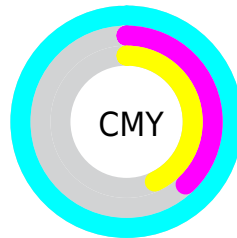
- Red (1%)
- Green (62%)
- Blue (57%)



- Red (1%)
- Yellow (33%)
- Blue (62%)



- Cyan (98%)
- Magenta (0%)
- Yellow (8%)
- Black (38%)





- Cyan (99%)
- Magenta (38%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 37.783, 184.754 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 59, 37.783, 184.754 by changing the saturation by 10% instead.


 59, 37.783,
184.754


 59, 37.783,
184.754


 100, 37.783,
184.754


 49, 37.783,
184.754


 79, 37.783,
184.754

 39, 37.783,
184.754

 89, 37.783,
184.754

 29, 37.783,
184.754

 99, 37.783,
184.754

 19, 37.783,
184.754

 9, 37.783, 184.754

 0, 37.783, 184.754

■ 59, 37.783,
184.754

■ 59, 37.783,
184.754

■ 59, 37.999,
184.549

■ 59, 36.678,
185.713

■ 59, 34.967,
186.611

■ 60, 32.534,
187.450

■ 60, 29.372,
188.246

■ 61, 25.517,
189.012

■ 62, 21.035,
189.761

■ 62, 16.014,
190.503

■ 63, 10.551,

191.247

■ 65, 4.743, 192.025

Harmonies

Complementary

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



59, 37.783, 184.754



33, 68.917, 35.459

Rectangle

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



59, 37.783, 184.754



59, 37.783, 234.754



59, 37.783, 4.754



59, 37.783, 54.754

Sweetspot

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



59, 37.783, 184.753



79, 20.486, 190.378



57, 83.092, 135.555



42, 13.981, 190.079



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



59, 37.783, 184.753



75, 46.146, 184.343



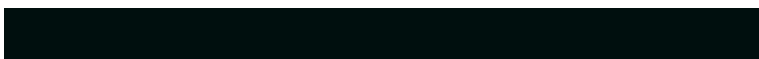
40, 40.339, 270.755



33, 3.383, 191.911



53, 35.038, 184.650



3, 4.529, 191.055

Inverse Universe

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



33, 68.917, 35.459



43, 85.742, 36.962



40, 61.472, 53.820



31, 3.550, 13.153



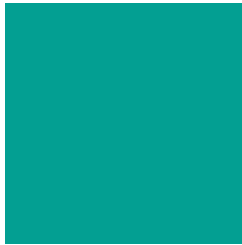
29, 64.294, 35.708



1, 4.509, 12.849

Previews

White Background



This preview shows how the CIELCh color 59, 37.783, 184.754 looks on a white 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

Black Background



This preview shows how the CIELCh color 59, 37.783, 184.754 looks on a black 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

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

CIELCh 59, 37.783, 184.754

Background



This preview shows how black text looks on a background with the CIELCh color 59, 37.783, 184.754.



This preview shows how white text looks on a background with the CIELCh color 59, 37.783, 184.754.

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





Tritanopia
59, 30.997, 210.806

Trichromacy



Original Color
59, 37.740, 184.745

Protanomaly
58, 19.828, 184.180

Deuteranomaly
57, 16.733, 205.797

Tritanomaly
59, 32.974, 200.576

Monochromacy



Original Color
59, 37.740, 184.745

Achromatopsia
47, 0.006, 296.813

Achromatomaly
50, 20.254, 188.952

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 37.783, 184.754 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, 159, 146)` looks like.

```
.text, #text, p{  
    color:rgb(3, 159, 146)  
}
```

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, 159, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 159, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 37.783, 184.754 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, 159, 146) }
```

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

```
.border{ border-color:rgb(3, 159, 146) }
```

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

Here you see how a box with a 4 pixel rgb(3, 159, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 159, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 159, 146);  
box-shadow:4px 4px 4px 4px rgb(3, 159,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 37.783, 184.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 159, 146) }
```

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

```
.background{ background-color: rgb(3, 159,  
146) }
```

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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