

Converting Colors

CIELCh(59, 31.934, 191.209)

Have a look what the booklet for
CIELCh(59, 31.934, 191.209)
contains.

CIELCh(59, 31.918, 191.448)	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(59, 31.918, 191.448)

Conversions

Conversions Part 1

Format	Color
Hex	2F9D98
RGB	47, 157, 152
RGB Percent	18%, 62%, 60%
CMY	0.8151, 0.3839, 0.4035
CMYK	0.70, 0.00, 0.03, 0.38
HSL	177°, 54%, 40%
HSV	177°, 70%, 62%
XYZ	18.9298, 27.0277, 33.9692
YIQ	123.5400, -63.9550, -24.8750

Conversions

Conversions Part 2

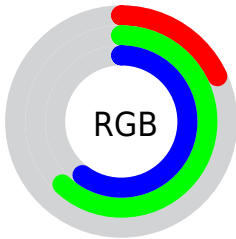
Format	Color
RYB	47, 103, 157
Decimal	3120536
CIELab	59.00, -31.28, -6.34
CIELCh	59, 31.918, 191.448
Yxy	27.0277, 0.2368, 0.3382
Android (android.graphics.Color)	4281310616 (0xFF2F9D98)
YUV	123.5400, 14.0308, -67.1256
Hunter-Lab	51.9882, -25.9846, -2.3484

Details

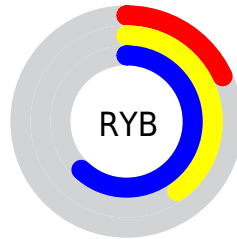
The CIELCh color **59, 31.918, 191.448** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **37, 51.213, 26.933**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 32.011, 191.332**, and **40, 26.867, 190.988** is the 20% darker color. If you saturate the color by 10%, you get **59, 33.991, 190.886**, and if you desaturate by 10%, it is **59, 29.116, 192.007**.

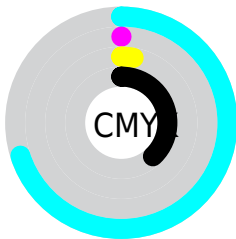
Distribution



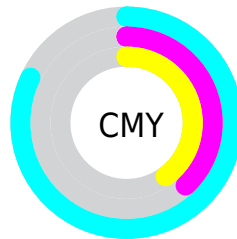
- Red (18%)
- Green (62%)
- Blue (60%)



- Red (18%)
- Yellow (40%)
- Blue (62%)



- Cyan (70%)
- Magenta (0%)
- Yellow (3%)
- Black (38%)



- Cyan (82%)
- Magenta (38%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 31.918, 191.448 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, 31.918, 191.448 by changing the saturation by 10% instead.

 59, 31.918,
191.448

 59, 31.918,
191.448

 100, 31.918,
191.448

 49, 31.918,
191.448

 79, 31.918,
191.448

 39, 31.918,
191.448


 89, 31.918,
191.448

 29, 31.918,
191.448

 99, 31.918,
191.448

 19, 31.918,
191.448

 9, 31.918, 191.448

 0, 31.918, 191.448

■ 59, 31.918,
191.448

■ 59, 31.918,
191.448

■ 59, 33.991,
190.886

■ 59, 29.116,
192.007

■ 58, 35.357,
190.312

■ 60, 25.606,
192.575

■ 58, 36.210,
189.725

■ 61, 21.444,
193.158

■ 58, 36.211,
189.724

■ 62, 16.709,
193.760

■ 62, 11.492,
194.387

■ 64, 5.889, 195.056

■ 65, 0.012, 335.207

■ 66, 6.121, 16.205

Harmonies

Complementary

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



59, 31.918, 191.448



37, 51.213, 26.933

Rectangle

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



59, 31.918, 191.448



59, 31.918, 241.448



59, 31.918, 11.448



59, 31.918, 61.448

Sweetspot

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



59, 31.918, 191.447



79, 14.877, 194.297



57, 69.275, 137.531



41, 9.970, 194.136



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



59, 31.918, 191.447



75, 42.292, 190.565



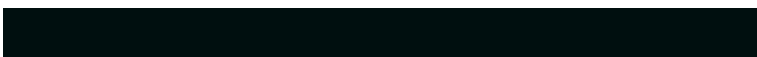
44, 32.621, 265.109



33, 3.357, 195.109



53, 33.757, 189.776



3, 4.492, 194.768

Inverse Universe

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



37, 51.213, 26.933



44, 75.890, 32.722



47, 42.694, 62.022



31, 3.537, 16.213



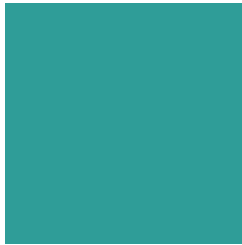
29, 65.550, 37.331



1, 4.485, 15.816

Previews

White Background



This preview shows how the CIELCh color 59, 31.918, 191.448 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, 31.918, 191.448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

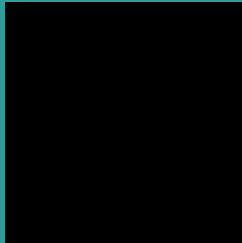
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 31.918, 191.448

Background



This preview shows how black text looks on a background with the CIELCh color 59, 31.918, 191.448.

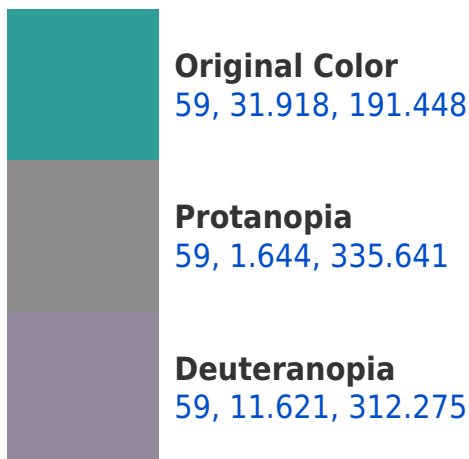


This preview shows how white text looks on a background with the CIELCh color 59, 31.918, 191.448.

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, 28.530, 211.021

Trichromacy



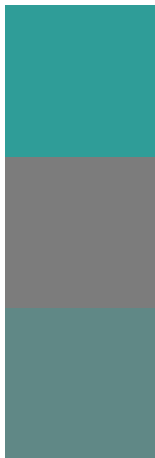
Original Color
59, 31.918, 191.448

Protanomaly
58, 13.708, 198.139

Deuteranomaly
58, 13.015, 227.395

Tritanomaly
59, 29.404, 203.614

Monochromacy



Original Color
59, 31.918, 191.448

Achromatopsia
52, 0.007, 296.813

Achromatomaly
54, 14.632, 193.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 31.918, 191.448 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(47, 157, 152)` looks like.

```
.text, #text, p{  
    color:rgb(47, 157, 152)  
}
```

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(47, 157, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 157, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 31.918, 191.448 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(47, 157, 152) }
```

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

```
.border{ border-color:rgb(47, 157, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 157, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 157, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 157, 152);  
box-shadow:4px 4px 4px 4px rgb(47, 157,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 31.918, 191.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 157, 152) }
```

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

```
.background{ background-color: rgb(47, 157,  
152) }
```

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