

Converting Colors

CIELCh(59, 30.971, 194.712)

Have a look what the booklet for
CIELCh(59, 30.971, 194.712)
contains.

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Color

CIELCh(59, 31.118, 194.572)

Conversions

Conversions Part 1

Format	Color
Hex	319D9B
RGB	49, 157, 155
RGB Percent	19%, 62%, 61%
CMY	0.8092, 0.3853, 0.3932
CMYK	0.69, 0.00, 0.01, 0.39
HSL	179°, 53%, 40%
HSV	179°, 69%, 61%
XYZ	19.1574, 27.0277, 35.1041
YIQ	124.4800, -63.7260, -23.5180

Conversions

Conversions Part 2

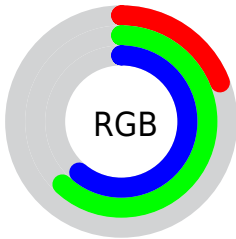
Format	Color
R_{YB}	49, 104, 157
Decimal	3251611
CIE _{Lab}	59.00, -30.12, -7.83
CIE _{LCh}	59, 31.118, 194.572
Yxy	27.0277, 0.2357, 0.3325
Android (android.graphics.Color)	4281441691 (0xFF319D9B)
YUV	124.4800, 15.0464, -66.1960
Hunter-Lab	51.9882, -25.2029, -3.6428

Details

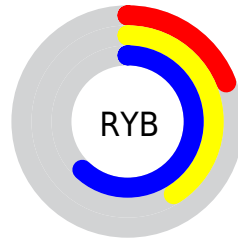
The CIELCh color **59, 31.118, 194.572** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **37, 50.975, 28.445**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 31.141, 194.227**, and **40, 26.273, 195.009** is the 20% darker color. If you saturate the color by 10%, you get **59, 33.152, 194.239**, and if you desaturate by 10%, it is **59, 28.353, 194.939**.

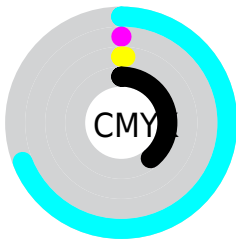
Distribution



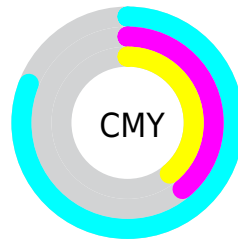
- Red (19%)
- Green (62%)
- Blue (61%)



- Red (19%)
- Yellow (41%)
- Blue (62%)



- Cyan (69%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)





- Cyan (81%)
- Magenta (39%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 31.118, 194.572 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, 31.118, 194.572 by changing the saturation by 10% instead.


 59, 31.118,
194.572


 59, 31.118,
194.572


 100, 31.118,
194.572


 49, 31.118,
194.572


 79, 31.118,
194.572

 39, 31.118,
194.572

 89, 31.118,
194.572

 29, 31.118,
194.572

 99, 31.118,
194.572

 19, 31.118,
194.572

 9, 31.118, 194.572

 0, 31.118, 194.572

■ 59, 31.118,
194.572

■ 59, 31.118,
194.572

■ 59, 33.152,
194.239

■ 59, 28.353,
194.939

■ 58, 34.477,
193.936

■ 60, 24.880,
195.348

■ 58, 35.247,
193.652

■ 61, 20.751,
195.799

■ 58, 35.321,
193.623

■ 62, 16.045,
196.293

■ 62, 10.851,
196.831

■ 64, 5.263, 197.433

■ 65, 0.628, 17.198

■ 66, 6.742, 18.465

Harmonies

Complementary

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



59, 31.118, 194.572



37, 50.975, 28.445

Rectangle

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



59, 31.118, 194.572



59, 31.118, 244.572



59, 31.118, 14.572



59, 31.118, 64.572

Sweetspot

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



59, 31.118, 194.571



79, 14.790, 196.695



57, 68.628, 137.887



41, 9.908, 196.557



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, 31.118, 194.571



75, 41.321, 194.064



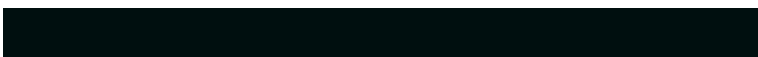
43, 32.915, 266.768



33, 3.344, 197.413



53, 32.991, 193.645



3, 4.477, 197.508

Inverse Universe

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



37, 50.975, 28.445



44, 76.299, 33.936



47, 41.875, 63.702



31, 3.534, 18.402



29, 66.457, 38.428



1, 4.476, 17.945

Previews

White Background



This preview shows how the CIELCh color 59, 31.118, 194.572 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, 31.118, 194.572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

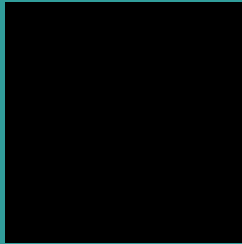
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 31.118, 194.572

Background



This preview shows how black text looks on a background with the CIELCh color 59, 31.118, 194.572.

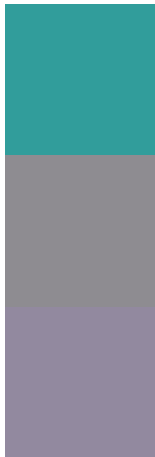


This preview shows how white text looks on a background with the CIELCh color 59, 31.118, 194.572.

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

59, 31.118, 194.572

Protanopia

59, 2.956, 305.642

Deuteranopia

59, 13.003, 306.518



Tritanopia
59, 28.530, 211.021

Trichromacy



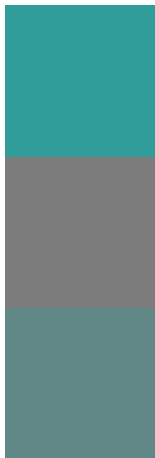
Original Color
59, 31.118, 194.572

Protanomaly
58, 13.627, 205.422

Deuteranomaly
58, 13.493, 231.962

Tritanomaly
59, 29.341, 204.776

Monochromacy



Original Color
59, 31.118, 194.572

Achromatopsia
52, 0.007, 296.813

Achromatomaly
54, 14.206, 195.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 31.118, 194.572 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(49, 157, 155)` looks like.

```
.text, #text, p{  
    color:rgb(49, 157, 155)  
}
```

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(49, 157, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 157, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 31.118, 194.572 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(49, 157, 155) }
```

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

```
.border{ border-color:rgb(49, 157, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 157, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 157, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 157, 155);  
box-shadow:4px 4px 4px 4px rgb(49, 157,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 31.118, 194.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 157, 155) }
```

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

```
.background{ background-color: rgb(49, 157,  
155) }
```

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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