

Converting Colors

CIELCh(59, 10.541, 196.572)

Have a look what the booklet for
CIELCh(59, 10.541, 196.572)
contains.

CIELCh(59, 10.319, 198.471)	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, 10.319, 198.471)

Conversions

Conversions Part 1

Format	Color
Hex	779393
RGB	119, 147, 147
RGB Percent	47%, 58%, 58%
CMY	0.5321, 0.4223, 0.4223
CMYK	0.19, 0.00, 0.00, 0.42
HSL	180°, 12%, 52%
HSV	180°, 19%, 58%
XYZ	23.4257, 27.0277, 31.7176
YIQ	138.6280, -16.6880, -5.9360

Conversions

Conversions Part 2

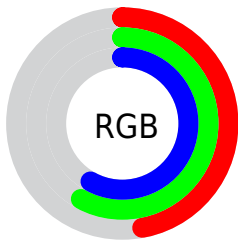
Format	Color
R_{YB}	119, 133, 147
Decimal	7836563
CIE _{Lab}	59.00, -9.79, -3.27
CIE _{LCh}	59, 10.319, 198.471
Yxy	27.0277, 0.2851, 0.3289
Android (android.graphics.Color)	4286026643 (0xFF779393)
YUV	138.6280, 4.1274, -17.2138
Hunter-Lab	51.9882, -10.5478, 0.2194

Details

The CIELCh color **59, 10.319, 198.471** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **53, 11.644, 20.686**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 10.213, 198.690**, and **39, 10.065, 201.680** is the 20% darker color. If you saturate the color by 10%, you get **58, 15.228, 197.997**, and if you desaturate by 10%, it is **60, 5.027, 199.007**.

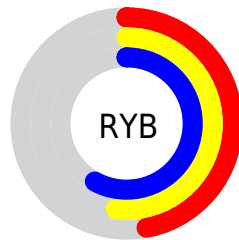
Distribution



Red (47%)

Green (58%)

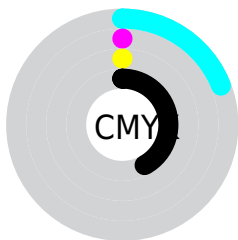
Blue (58%)



Red (47%)

Yellow (52%)

Blue (58%)

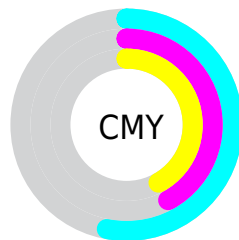


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (42%)



Cyan (53%)


Magenta (42%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 10.319, 198.471 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, 10.319, 198.471 by changing the saturation by 10% instead.


 59, 10.319,
198.471


 59, 10.319,
198.471


 100, 10.319,
198.471


 49, 10.319,
198.471


 79, 10.319,
198.471


 39, 10.319,
198.471


 89, 10.319,
198.471

 29, 10.319,
198.471

 99, 10.319,
198.471

 19, 10.319,
198.471

 9, 10.319, 198.471

 0, 10.319, 198.471

■ 59, 10.319,
198.471

■ 59, 10.319,
198.471

■ 58, 15.228,
197.997

■ 60, 5.027, 199.007

■ 57, 19.667,
197.586

■ 61, 0.564, 18.672

■ 57, 23.551,
197.233

■ 62, 6.377, 19.946

■ 56, 26.810,
196.942

■ 64, 12.345, 20.562

■ 56, 29.396,
196.714

■ 65, 18.410, 21.173

■ 55, 31.290,
196.548

■ 67, 24.527, 21.786

■ 55, 32.514,
196.442

■ 70, 36.779, 23.013

■ 55, 33.229,

■ 72, 42.864, 23.619

196.379

■ 55, 33.294,
196.373

Harmonies

Complementary

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



59, 10.319, 198.471



53, 11.644, 20.686

Rectangle

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



59, 10.319, 198.471



59, 10.319, 248.471



59, 10.319, 18.471



59, 10.319, 68.471

Sweetspot

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



59, 10.320, 198.464



77, 4.169, 199.198



58, 19.329, 142.860



41, 2.783, 199.157



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



59, 10.320, 198.464



74, 15.228, 198.249



55, 9.290, 256.194



31, 3.160, 198.995



52, 31.696, 196.373



2, 2.828, 199.415

Inverse Universe

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



53, 11.644, 20.686



65, 17.723, 21.104



56, 9.800, 71.336



29, 3.343, 19.885



28, 65.123, 38.925



1, 2.828, 19.398

Previews

White Background



This preview shows how the CIELCh color 59, 10.319, 198.471 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, 10.319, 198.471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

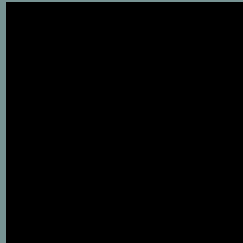
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 10.319, 198.471

Background



This preview shows how black text looks on a background with the CIELCh color 59, 10.319, 198.471.

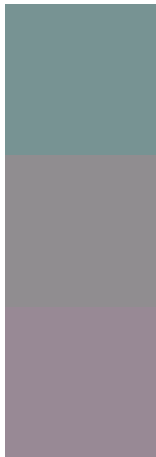


This preview shows how white text looks on a background with the CIELCh color 59, 10.319, 198.471.

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, 10.319, 198.471

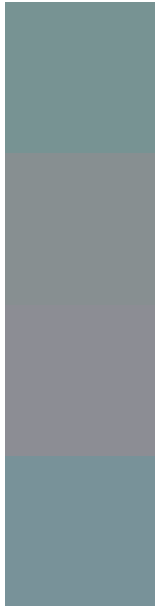
Protanopia
59, 2.078, 324.455

Deuteranopia
59, 8.982, 331.099



Tritanopia
59, 10.755, 234.336

Trichromacy



Original Color
59, 10.319, 198.471

Protanomaly
59, 3.238, 219.787

Deuteranomaly
59, 3.986, 285.158

Tritanomaly
59, 10.113, 221.854

Monochromacy



Original Color
59, 10.319, 198.471

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 3.830, 199.142

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 10.319, 198.471 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(119, 147, 147)` looks like.

```
.text, #text, p{  
    color:rgb(119, 147, 147)  
}
```

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(119, 147, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 147, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 10.319, 198.471 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(119, 147, 147) }
```

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

```
.border{ border-color:rgb(119, 147, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 147, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 147, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 147, 147);  
box-shadow:4px 4px 4px 4px rgb(119, 147,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 10.319, 198.471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 147, 147) }
```

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

```
.background{ background-color: rgb(119,  
147, 147) }
```

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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