

Converting Colors

CIE LCh(59, 27.239, 195.197)

Have a look what the booklet for
CIELCh(59, 27.239, 195.197)
contains.

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Color

CIELCh(59, 27.121, 195.794)

Conversions

Conversions Part 1

Format	Color
Hex	449B9A
RGB	68, 155, 154
RGB Percent	27%, 61%, 60%
CMY	0.7331, 0.3919, 0.3959
CMYK	0.56, 0.00, 0.01, 0.39
HSL	179°, 39%, 44%
HSV	179°, 56%, 61%
XYZ	19.9564, 27.0277, 34.7617
YIQ	128.8730, -51.5310, -18.7550

Conversions

Conversions Part 2

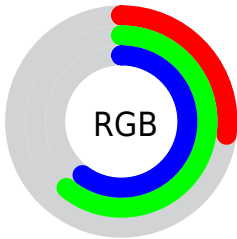
Format	Color
RYB	68, 112, 155
Decimal	4496282
CIELab	59.00, -26.10, -7.38
CIELCh	59, 27.121, 195.794
Yxy	27.0277, 0.2441, 0.3306
Android (android.graphics.Color)	4282686362 (0xFF449B9A)
YUV	128.8730, 12.3876, -53.3856
Hunter-Lab	51.9882, -22.4597, -3.2522

Details

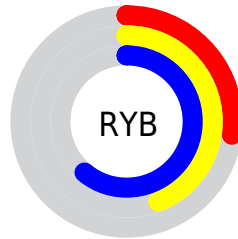
The CIELCh color `59, 27.121, 195.794` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `40, 40.336, 25.406`, and the grayscale version is `54, 0.007, 296.813`.

A 20% lighter version of the original color is `79, 27.120, 195.197`, and `39, 25.749, 196.386` is the 20% darker color. If you saturate the color by 10%, you get `59, 30.044, 195.462`, and if you desaturate by 10%, it is `60, 23.506, 196.171`.

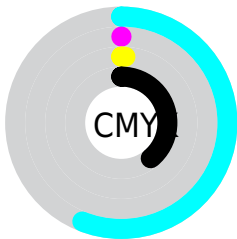
Distribution



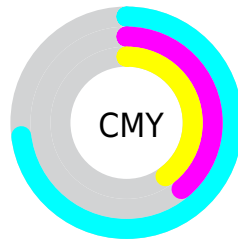
- Red (27%)
- Green (61%)
- Blue (60%)



- Red (27%)
- Yellow (44%)
- Blue (61%)



- Cyan (56%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)





- Cyan (73%)
- Magenta (39%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 27.121, 195.794 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, 27.121, 195.794 by changing the saturation by 10% instead.


 59, 27.121,
195.794


 59, 27.121,
195.794


 100, 27.121,
195.794

 49, 27.121,
195.794


 79, 27.121,
195.794

 39, 27.121,
195.794

 89, 27.121,
195.794

 29, 27.121,
195.794

 99, 27.121,
195.794

 19, 27.121,
195.794

 9, 27.121, 195.794

 0, 27.121, 195.794

■ 59, 27.121,
195.794

■ 59, 27.121,
195.794

■ 59, 30.044,
195.462

■ 60, 23.506,
196.171

■ 58, 32.246,
195.180

■ 60, 19.259,
196.600

■ 58, 33.735,
194.940

■ 61, 14.462,
197.077

■ 58, 34.586,
194.734

■ 62, 9.204, 197.605

■ 63, 3.577, 198.227

■ 58, 34.854,
194.658

■ 65, 2.331, 18.477

■ 66, 8.443, 19.214

■ 67, 14.690, 19.848

■ 69, 21.019, 20.479

Harmonies

Complementary

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



59, 27.121, 195.794



40, 40.336, 25.406

Rectangle

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



59, 27.121, 195.794



59, 27.121, 245.794



59, 27.121, 15.794



59, 27.121, 65.794

Sweetspot

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



59, 27.121, 195.792



79, 11.983, 197.537



57, 57.692, 139.505



42, 8.035, 197.437



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, 27.121, 195.792



74, 37.139, 195.396



46, 27.595, 264.451



32, 3.253, 198.012



53, 32.387, 194.672



3, 3.597, 198.330

Inverse Universe

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



40, 40.336, 25.406



48, 60.925, 28.692



50, 32.979, 66.889



30, 3.438, 18.963



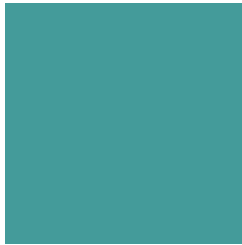
28, 65.725, 38.595



1, 3.597, 18.462

Previews

White Background



This preview shows how the CIELCh color 59, 27.121, 195.794 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, 27.121, 195.794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

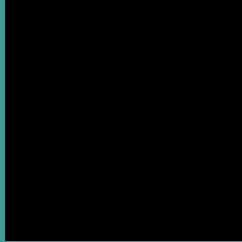
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 27.121, 195.794

Background



This preview shows how black text looks on a background with the CIELCh color 59, 27.121, 195.794.

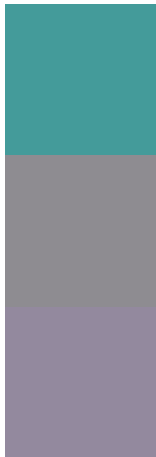


This preview shows how white text looks on a background with the CIELCh color 59, 27.121, 195.794.

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, 27.121, 195.794

Protanopia

59, 2.956, 305.642

Deuteranopia

59, 12.565, 308.832



Tritanopia
59, 25.049, 214.683

Trichromacy



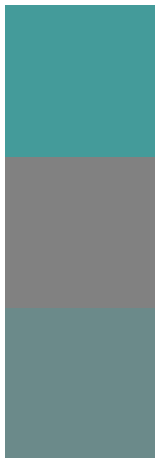
Original Color
59, 27.121, 195.794

Protanomaly
58, 11.007, 207.393

Deuteranomaly
58, 11.647, 238.305

Tritanomaly
59, 25.597, 207.550

Monochromacy



Original Color
59, 27.121, 195.794

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 11.438, 198.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 27.121, 195.794 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(68, 155, 154)` looks like.

```
.text, #text, p{  
    color:rgb(68, 155, 154)  
}
```

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(68, 155, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 155, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 27.121, 195.794 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(68, 155, 154) }
```

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

```
.border{ border-color:rgb(68, 155, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 155, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 155, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 155, 154);  
box-shadow:4px 4px 4px 4px rgb(68, 155,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 27.121, 195.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 155, 154) }
```

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

```
.background{ background-color: rgb(68, 155,  
154) }
```

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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