

Converting Colors

CIE LCh(59, 24.302, 197.242)

Have a look what the booklet for
CIELCh(59, 24.302, 197.242)
contains.

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Color

CIELCh(59, 24.279, 197.246)

Conversions

Conversions Part 1

Format	Color
Hex	4F9A9A
RGB	79, 154, 154
RGB Percent	31%, 60%, 60%
CMY	0.6910, 0.3968, 0.3968
CMYK	0.49, 0.00, 0.00, 0.40
HSL	180°, 32%, 46%
HSV	180°, 49%, 60%
XYZ	20.5483, 27.0277, 34.6217
YIQ	131.5750, -44.7000, -15.9000

Conversions

Conversions Part 2

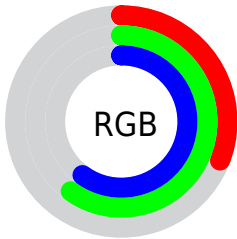
Format	Color
R_{YB}	79, 117, 154
Decimal	5216922
CIE _{Lab}	59.00, -23.19, -7.20
CIE _{LCh}	59, 24.279, 197.246
Yxy	27.0277, 0.2500, 0.3288
Android (android.graphics.Color)	4283407002 (0xFF4F9A9A)
YUV	131.5750, 11.0555, -46.1083
Hunter-Lab	51.9882, -20.4274, -3.0926

Details

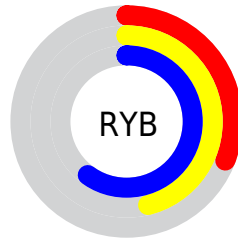
The CIELCh color `59, 24.279, 197.246` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `43, 34.310, 24.663`, and the grayscale version is `55, 0.007, 296.813`.

A 20% lighter version of the original color is `79, 24.366, 196.401`, and `39, 24.473, 196.529` is the 20% darker color. If you saturate the color by 10%, you get `58, 27.658, 196.952`, and if you desaturate by 10%, it is `60, 20.251, 197.598`.

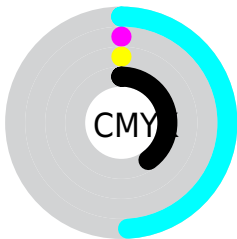
Distribution



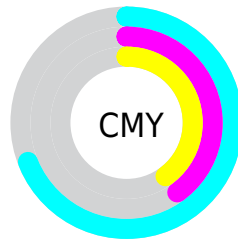
- Red (31%)
- Green (60%)
- Blue (60%)



- Red (31%)
- Yellow (46%)
- Blue (60%)



- Cyan (49%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)




- Cyan (69%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 24.279, 197.246 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, 24.279, 197.246 by changing the saturation by 10% instead.


 59, 24.279,
197.246

 59, 24.279,
197.246

 100, 24.279,
197.246

 49, 24.279,
197.246


 79, 24.279,
197.246

 39, 24.279,
197.246

 89, 24.279,
197.246

 29, 24.279,
197.246

 99, 24.279,
197.246

 19, 24.279,
197.246

 9, 24.279, 197.246

 0, 24.279, 197.246

■ 59, 24.279,
197.246

■ 59, 24.279,
197.246

■ 58, 27.658,
196.952

■ 60, 20.251,
197.598

■ 58, 30.337,
196.724

■ 60, 15.647,
198.010

■ 58, 32.298,
196.558

■ 61, 10.556,
198.481

■ 58, 33.561,
196.452

■ 62, 5.067, 199.027

■ 57, 34.278,
196.392

■ 64, 0.731, 18.852

■ 57, 34.359,
196.386

■ 65, 6.758, 19.971

■ 66, 12.943, 20.589

■ 68, 19.229, 21.201

■ 70, 25.566, 21.817

Harmonies

Complementary

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



59, 24.279, 197.246



43, 34.310, 24.663

Rectangle

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



59, 24.279, 197.246



59, 24.279, 247.246



59, 24.279, 17.246



59, 24.279, 67.246

Sweetspot

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



59, 24.279, 197.244



78, 10.511, 198.659



57, 50.515, 140.274



41, 7.113, 198.559



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



59, 24.279, 197.244



74, 33.955, 196.917



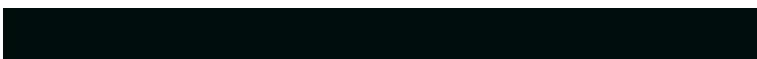
48, 24.021, 262.369



32, 3.249, 198.999



53, 32.120, 196.386



3, 3.595, 199.421

Inverse Universe

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



43, 34.310, 24.663



50, 52.658, 27.179



51, 28.006, 67.781



30, 3.439, 19.896



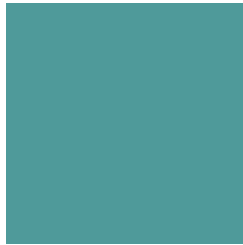
28, 66.113, 39.049



1, 3.595, 19.405

Previews

White Background



This preview shows how the CIELCh color 59, 24.279, 197.246 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, 24.279, 197.246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

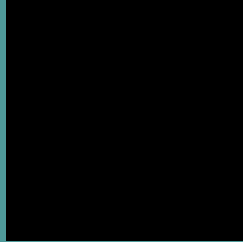
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 24.279, 197.246

Background



This preview shows how black text looks on a background with the CIELCh color 59, 24.279, 197.246.

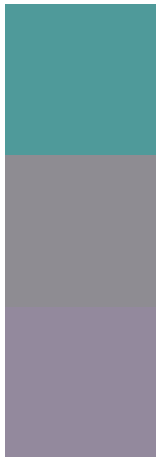


This preview shows how white text looks on a background with the CIELCh color 59, 24.279, 197.246.

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, 24.279, 197.246

Protanopia

59, 3.507, 303.251

Deuteranopia

59, 12.026, 309.626



Tritanopia
59, 22.814, 215.085

Trichromacy



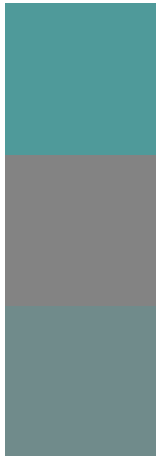
Original Color
59, 24.279, 197.246

Protanomaly
58, 9.723, 212.156

Deuteranomaly
58, 10.406, 244.346

Tritanomaly
59, 23.147, 207.395

Monochromacy



Original Color
59, 24.279, 197.246

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 10.044, 198.457

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 24.279, 197.246 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(79, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(79, 154, 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(79, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 154, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 24.279, 197.246 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(79, 154, 154) }
```

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

```
.border{ border-color:rgb(79, 154, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(79, 154,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 24.279, 197.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 154, 154) }
```

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

```
.background{ background-color: rgb(79, 154,  
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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