

Converting Colors

CIELCh(59, 25.573, 196.386)

Have a look what the booklet for
CIELCh(59, 25.573, 196.386)
contains.

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Color

CIELCh(59, 25.453, 197.144)

Conversions

Conversions Part 1

Format	Color
Hex	4A9A9A
RGB	74, 154, 154
RGB Percent	29%, 60%, 60%
CMY	0.7085, 0.3948, 0.3949
CMYK	0.52, 0.00, 0.00, 0.39
HSL	180°, 35%, 45%
HSV	180°, 52%, 61%
XYZ	20.3161, 27.0277, 34.8541
YIQ	130.0800, -47.6800, -16.9600

Conversions

Conversions Part 2

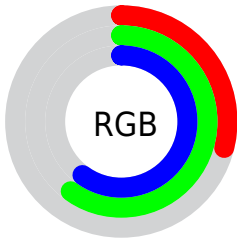
Format	Color
R _Y B	74, 114, 154
Decimal	4889242
CIE Lab	59.00, -24.32, -7.50
CIE LCh	59, 25.453, 197.144
Yxy	27.0277, 0.2472, 0.3288
Android (android.graphics.Color)	4283079322 (0xFF4A9A9A)
YUV	130.0800, 11.7926, -49.1822
Hunter-Lab	51.9882, -21.2246, -3.3577

Details

The CIELCh color **59, 25.453, 197.144** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **42, 36.877, 25.271**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 25.715, 196.371**, and **39, 25.261, 197.843** is the 20% darker color. If you saturate the color by 10%, you get **58, 28.629, 196.869**, and if you desaturate by 10%, it is **60, 21.607, 197.477**.

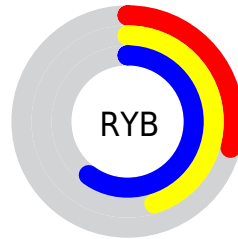
Distribution



Red (29%)

Green (60%)

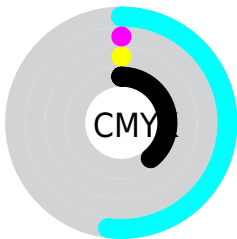
Blue (60%)



Red (29%)

Yellow (45%)

Blue (60%)

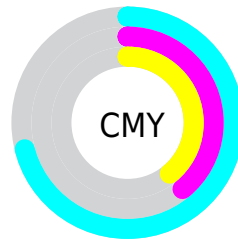


Cyan (52%)

Magenta (0%)

Yellow (0%)

Black (39%)



Cyan (71%)

Magenta (39%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 25.453, 197.144 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, 25.453, 197.144 by changing the saturation by 10% instead.

 59, 25.453,
197.144

 59, 25.453,
197.144

 100, 25.453,
197.144

 49, 25.453,
197.144


 79, 25.453,
197.144

 39, 25.453,
197.144

 89, 25.453,
197.144

 29, 25.453,
197.144

 99, 25.453,
197.144

 19, 25.453,
197.144

 9, 25.453, 197.144

 0, 25.453, 197.144

■ 59, 25.453,
197.144

■ 59, 25.453,
197.144

■ 58, 28.629,
196.869

■ 60, 21.607,
197.477

■ 58, 31.094,
196.660

■ 60, 17.159,
197.873

■ 58, 32.840,
196.513

■ 61, 12.194,
198.325

■ 58, 33.903,
196.423

■ 62, 6.803, 198.843

■ 58, 34.443,
196.378

■ 63, 1.076, 199.725

■ 65, 4.905, 19.765

■ 66, 11.065, 20.398

■ 68, 17.342, 21.010

■ 69, 23.685, 21.625

Harmonies

Complementary

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



59, 25.453, 197.144



42, 36.877, 25.271

Rectangle

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



59, 25.453, 197.144



59, 25.453, 247.144



59, 25.453, 17.144



59, 25.453, 67.144

Sweetspot

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



59, 25.453, 197.142



79, 11.295, 198.601



57, 53.552, 139.957



42, 7.643, 198.503



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, 25.453, 197.142



75, 35.355, 196.836



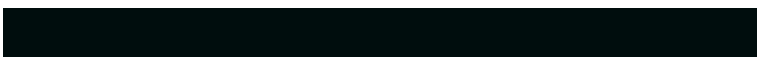
47, 25.513, 263.207



32, 3.249, 198.995



53, 32.121, 196.378



3, 3.595, 199.417

Inverse Universe

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



42, 36.877, 25.271



50, 56.250, 27.992



51, 30.058, 67.410



30, 3.439, 19.892



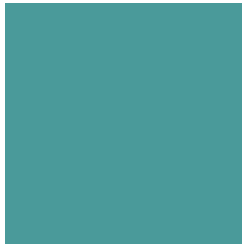
28, 66.111, 39.047



1, 3.595, 19.400

Previews

White Background



This preview shows how the CIELCh color 59, 25.453, 197.144 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, 25.453, 197.144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

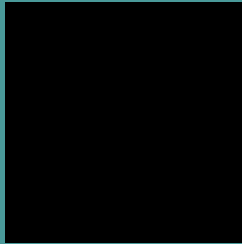
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 25.453, 197.144

Background



This preview shows how black text looks on a background with the CIELCh color 59, 25.453, 197.144.

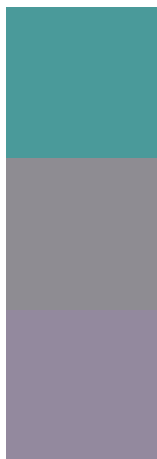


This preview shows how white text looks on a background with the CIELCh color 59, 25.453, 197.144.

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, 25.453, 197.144

Protanopia

59, 3.507, 303.251

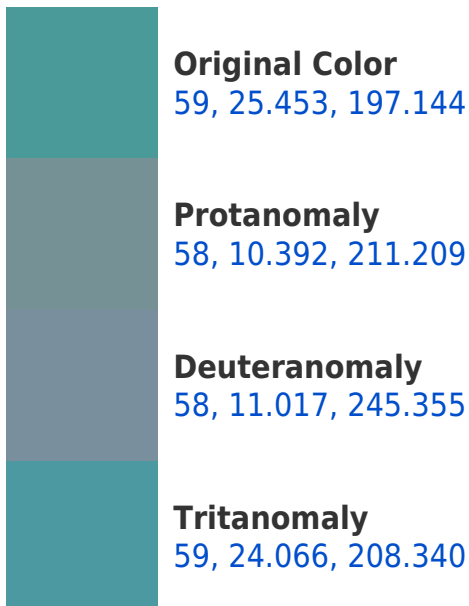
Deuteranopia

59, 12.565, 308.832



Tritanopia
59, 23.942, 214.134

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 25.453, 197.144 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(74, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(74, 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(74, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 154, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 25.453, 197.144 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(74, 154, 154) }
```

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

```
.border{ border-color:rgb(74, 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(74, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(74, 154,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 25.453, 197.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 154, 154) }
```

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

```
.background{ background-color: rgb(74, 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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