

Converting Colors

CIELCh(59, 16.747, 197.896)

Have a look what the booklet for
CIELCh(59, 16.747, 197.896)
contains.

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Color

CIELCh(59, 16.542, 197.902)

Conversions

Conversions Part 1

Format	Color
Hex	679696
RGB	103, 150, 150
RGB Percent	40%, 59%, 59%
CMY	0.5949, 0.4105, 0.4105
CMYK	0.31, 0.00, 0.00, 0.41
HSL	180°, 19%, 50%
HSV	180°, 31%, 59%
XYZ	22.1162, 27.0277, 33.0386
YIQ	135.9470, -28.0120, -9.9640

Conversions

Conversions Part 2

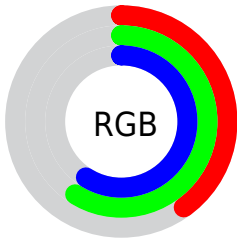
Format	Color
RYB	103, 127, 150
Decimal	6788758
CIELab	59.00, -15.74, -5.08
CIELCh	59, 16.542, 197.902
Yxy	27.0277, 0.2691, 0.3289
Android (android.graphics.Color)	4284978838 (0xFF679696)
YUV	135.9470, 6.9281, -28.8945
Hunter-Lab	51.9882, -15.0440, -1.2871

Details

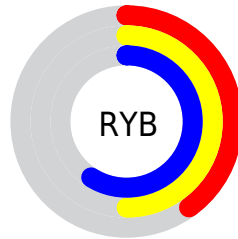
The CIELCh color `59, 16.542, 197.902` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `49, 20.384, 21.965`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `79, 16.382, 198.226`, and `39, 16.472, 197.391` is the 20% darker color. If you saturate the color by 10%, you get `58, 20.930, 197.500`, and if you desaturate by 10%, it is `60, 11.655, 198.354`.

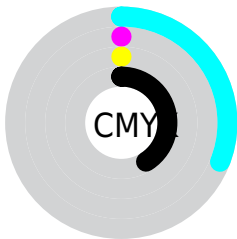
Distribution



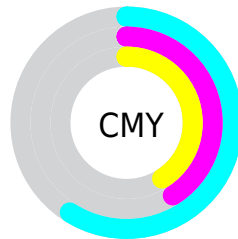
- Red (40%)
- Green (59%)
- Blue (59%)



- Red (40%)
- Yellow (50%)
- Blue (59%)



- Cyan (31%)
- Magenta (0%)
- Yellow (0%)
- Black (41%)





- Cyan (59%)
- Magenta (41%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 16.542, 197.902 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, 16.542, 197.902 by changing the saturation by 10% instead.


 59, 16.542,
197.902


 59, 16.542,
197.902


 100, 16.542,
197.902


 49, 16.542,
197.902


 79, 16.542,
197.902

 39, 16.542,
197.902

 89, 16.542,
197.902

 29, 16.542,
197.902

 99, 16.542,
197.902

 19, 16.542,
197.902

 9, 16.542, 197.902

 0, 16.542, 197.902

■ 59, 16.542,
197.902

■ 59, 16.542,
197.902

■ 58, 20.930,
197.500

■ 60, 11.655,
198.354

■ 58, 24.736,
197.162

■ 61, 6.356, 198.875

■ 62, 0.734, 199.940

■ 57, 27.891,
196.885

■ 63, 5.132, 19.801

■ 57, 30.353,
196.672

■ 65, 11.169, 20.428

■ 56, 32.112,
196.520

■ 66, 17.317, 21.039

■ 68, 23.527, 21.653

■ 56, 33.201,
196.427

■ 69, 29.760, 22.269

■ 56, 33.788,
196.377

■ 71, 35.986, 22.882

Harmonies

Complementary

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



59, 16.542, 197.902



49, 20.384, 21.965

Rectangle

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



59, 16.542, 197.902



59, 16.542, 247.902



59, 16.542, 17.902



59, 16.542, 67.902

Sweetspot

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



59, 16.542, 197.898



78, 6.342, 198.997



58, 32.311, 141.912



41, 4.427, 198.917



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, 16.542, 197.898



75, 24.229, 197.594



52, 15.383, 258.350



31, 3.160, 198.997



52, 31.696, 196.377



2, 2.828, 199.416

Inverse Universe

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



49, 20.384, 21.965



59, 31.610, 22.966



54, 16.889, 69.882



29, 3.343, 19.887



28, 65.124, 38.926



1, 2.828, 19.400

Previews

White Background



This preview shows how the CIELCh color 59, 16.542, 197.902 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 CIE LCh color 59, 16.542, 197.902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

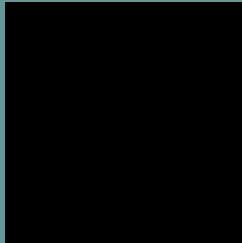
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 16.542, 197.902

Background



This preview shows how black text looks on a background with the CIELCh color 59, 16.542, 197.902.



This preview shows how white text looks on a background with the CIELCh color 59, 16.542, 197.902.

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, 16.542, 197.902

Protanopia

59, 2.411, 309.146

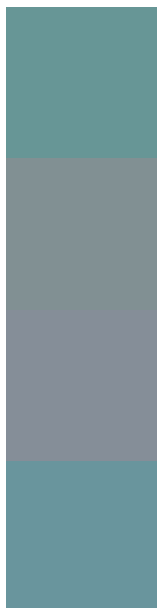
Deuteranopia

59, 10.402, 319.622



Tritanopia
59, 15.959, 223.615

Trichromacy



Original Color
59, 16.542, 197.902

Protanomaly
59, 5.847, 215.928

Deuteranomaly
59, 6.524, 259.908

Tritanomaly
59, 15.709, 215.014

Monochromacy



Original Color
59, 16.542, 197.902

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 6.439, 198.840

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 16.542, 197.902 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(103, 150, 150)` looks like.

```
.text, #text, p{  
    color:rgb(103, 150, 150)  
}
```

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(103, 150, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 150, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 16.542, 197.902 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(103, 150, 150) }
```

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

```
.border{ border-color:rgb(103, 150, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 150, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 150, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 150, 150);  
box-shadow:4px 4px 4px 4px rgb(103, 150,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 16.542, 197.902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 150, 150) }
```

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

```
.background{ background-color: rgb(103,  
150, 150) }
```

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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