

Converting Colors

CIELCh(59, 16.213, 191.853)

Have a look what the booklet for
CIELCh(59, 16.213, 191.853)
contains.

CIELCh(59, 16.213, 191.853)	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, 16.213, 191.853)

Conversions

Conversions Part 1

Format	Color
Hex	699693
RGB	105, 150, 147
RGB Percent	41%, 59%, 58%
CMY	0.5872, 0.4107, 0.4225
CMYK	0.30, 0.00, 0.02, 0.41
HSL	176°, 18%, 50%
HSV	176°, 30%, 59%
XYZ	22.0890, 27.0277, 31.7613
YIQ	136.2030, -25.8570, -10.4730

Conversions

Conversions Part 2

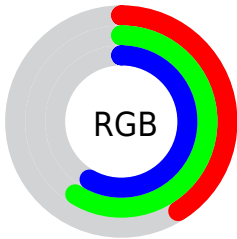
Format	Color
RYB	105, 128, 150
Decimal	6919827
CIELab	59.00, -15.87, -3.33
CIElCh	59, 16.213, 191.853
Yxy	27.0277, 0.2731, 0.3342
Android (android.graphics.Color)	4285109907 (0xFF699693)
YUV	136.2030, 5.3229, -27.3650
Hunter-Lab	51.9882, -15.1374, 0.1695

Details

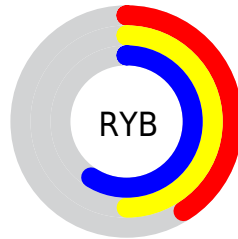
The CIELCh color `59, 16.213, 191.853` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `49, 19.286, 16.694`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `79, 15.987, 192.457`, and `39, 16.149, 193.020` is the 20% darker color. If you saturate the color by 10%, you get `58, 20.852, 191.169`, and if you desaturate by 10%, it is `60, 11.127, 192.540`.

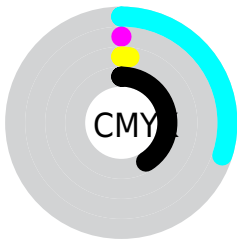
Distribution



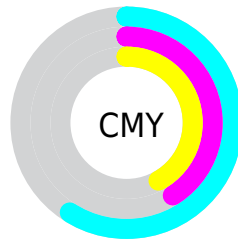
- Red (41%)
- Green (59%)
- Blue (58%)



- Red (41%)
- Yellow (50%)
- Blue (59%)



- Cyan (30%)
- Magenta (0%)
- Yellow (2%)
- Black (41%)





- Cyan (59%)
- Magenta (41%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 16.213, 191.853 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, 16.213, 191.853 by changing the saturation by 10% instead.


 59, 16.213,
191.853


 59, 16.213,
191.853


 100, 16.213,
191.853


 49, 16.213,
191.853


 79, 16.213,
191.853

 39, 16.213,
191.853

 89, 16.213,
191.853

 29, 16.213,
191.853

 99, 16.213,
191.853

 19, 16.213,
191.853

 9, 16.213, 191.853

 0, 16.213, 191.853

■ 59, 16.213,
191.853

■ 59, 16.213,
191.853

■ 58, 20.852,
191.169

■ 60, 11.127,
192.540

■ 58, 24.953,
190.491

■ 61, 5.683, 193.262

■ 57, 28.439,
189.808

■ 62, 0.030, 359.189

■ 63, 5.933, 14.490

■ 57, 31.252,
189.111

■ 65, 11.961, 15.218

■ 56, 33.368,
188.387

■ 66, 18.056, 15.921

■ 68, 24.176, 16.612

■ 56, 34.805,
187.622

■ 70, 30.285, 17.293

■ 56, 35.757,
186.825

■ 71, 36.358, 17.963

■ 56, 35.761,

186.822

Harmonies

Complementary

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



59, 16.213, 191.853



49, 19.286, 16.694

Rectangle

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



59, 16.213, 191.853



59, 16.213, 241.853



59, 16.213, 11.853



59, 16.213, 61.853

Sweetspot

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



59, 16.214, 191.849



78, 6.402, 193.321



58, 30.295, 140.389



41, 4.471, 193.217



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, 16.214, 191.849



75, 23.662, 191.387



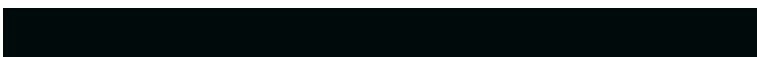
54, 13.954, 250.042



31, 3.189, 193.320



51, 33.539, 186.891



2, 2.845, 193.885

Inverse Universe

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



49, 19.286, 16.694



60, 29.421, 17.648



54, 15.786, 62.803



29, 3.351, 14.488



28, 62.988, 36.225



1, 2.845, 13.868

Previews

White Background



This preview shows how the CIELCh color 59, 16.213, 191.853 looks on a white background.

Color Contrast Check

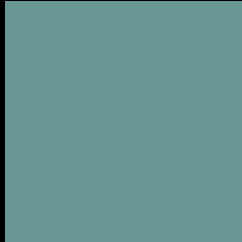
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.213, 191.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

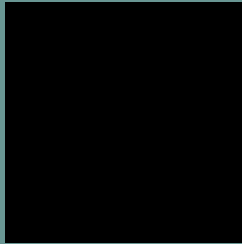
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 16.213, 191.853

Background



This preview shows how black text looks on a background with the CIELCh color 59, 16.213, 191.853.

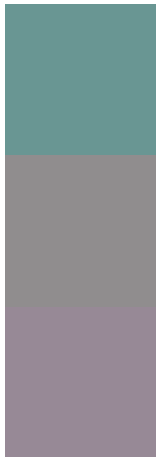


This preview shows how white text looks on a background with the CIELCh color 59, 16.213, 191.853.

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, 16.213, 191.853

Protanopia
59, 1.310, 353.597

Deuteranopia
59, 9.182, 326.911



Tritanopia
59, 15.143, 225.180

Trichromacy



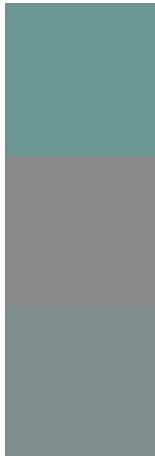
Original Color
59, 16.213, 191.853

Protanomaly
59, 5.314, 198.973

Deuteranomaly
59, 4.935, 253.023

Tritanomaly
59, 14.959, 211.366

Monochromacy



Original Color
59, 16.213, 191.853

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 6.128, 193.521

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 16.213, 191.853 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(105, 150, 147)` looks like.

```
.text, #text, p{  
    color:rgb(105, 150, 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(105, 150, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 150, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 16.213, 191.853 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(105, 150, 147) }
```

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

```
.border{ border-color:rgb(105, 150, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 150, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 150, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 150, 147);  
box-shadow:4px 4px 4px 4px rgb(105, 150,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 16.213, 191.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 150, 147) }
```

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

```
.background{ background-color: rgb(105,  
150, 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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