

Converting Colors

CIELCh(59, 19.714, 168.790)

Have a look what the booklet for
CIELCh(59, 19.714, 168.790)
contains.

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Color

CIELCh(59, 19.477, 169.803)

Conversions

Conversions Part 1

Format	Color
Hex	699787
RGB	105, 151, 135
RGB Percent	41%, 59%, 53%
CMY	0.5869, 0.4065, 0.4693
CMYK	0.30, 0.00, 0.11, 0.41
HSL	159°, 18%, 50%
HSV	159°, 30%, 59%
XYZ	21.3848, 27.0277, 27.1367
YIQ	135.4220, -22.2800, -14.7280

Conversions

Conversions Part 2

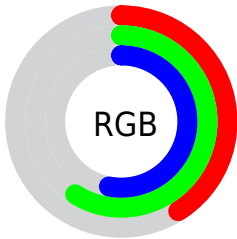
Format	Color
RYB	105, 133, 151
Decimal	6920071
CIELab	59.00, -19.17, 3.45
CIELCh	59, 19.477, 169.803
Yxy	27.0277, 0.2831, 0.3578
Android (android.graphics.Color)	4285110151 (0xFF699787)
YUV	135.4220, -0.2080, -26.6801
Hunter-Lab	51.9882, -17.5552, 5.4437

Details

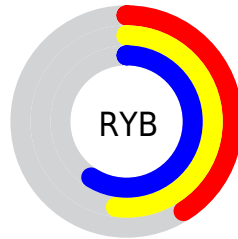
The CIELCh color **59, 19.477, 169.803** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **50, 20.950, 355.909**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 19.452, 170.090**, and **39, 19.540, 168.895** is the 20% darker color. If you saturate the color by 10%, you get **58, 25.445, 168.646**, and if you desaturate by 10%, it is **60, 13.228, 170.859**.

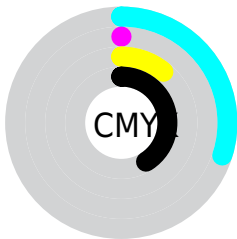
Distribution



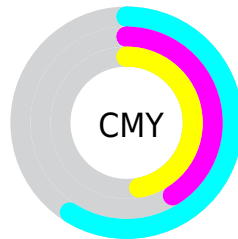
- Red (41%)
- Green (59%)
- Blue (53%)



- Red (41%)
- Yellow (52%)
- Blue (59%)



- Cyan (30%)
- Magenta (0%)
- Yellow (11%)
- Black (41%)





- Cyan (59%)
- Magenta (41%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 19.477, 169.803 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, 19.477, 169.803 by changing the saturation by 10% instead.


 59, 19.477,
169.803


 59, 19.477,
169.803


 100, 19.477,
169.803


 49, 19.477,
169.803


 79, 19.477,
169.803

 39, 19.477,
169.803

 89, 19.477,
169.803

 29, 19.477,
169.803

 99, 19.477,
169.803

 19, 19.477,
169.803

 9, 19.477, 169.803

 0, 19.477, 169.803

■ 59, 19.477,
169.803

■ 59, 19.477,
169.803

■ 58, 25.445,
168.646

■ 60, 13.228,
170.859

■ 57, 31.023,
167.370

■ 61, 6.793, 171.849

■ 63, 0.260, 174.131

■ 57, 36.112,
165.950

■ 64, 6.298, 353.462

■ 56, 40.626,
164.363

■ 65, 12.823,
354.277

■ 56, 44.513,
162.588

■ 67, 19.272,
355.027

■ 55, 47.765,
160.615

■ 69, 25.612,
355.736

■ 55, 50.466,
158.635

■ 71, 31.823,
356.409

■ 73, 37.890,
357.051

Harmonies

Complementary

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



59, 19.477, 169.803



50, 20.950, 355.909

Rectangle

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



59, 19.477, 169.803



59, 19.477, 219.803



59, 19.477, 349.803



59, 19.477, 39.803

Sweetspot

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



59, 19.478, 169.801



78, 7.269, 171.970



59, 28.481, 132.758



41, 5.088, 171.837



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, 19.478, 169.801



74, 28.226, 169.085



57, 14.183, 214.411



32, 3.725, 171.964



51, 47.604, 158.800



3, 4.078, 172.020

Inverse Universe

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



50, 20.950, 355.909



61, 30.837, 356.778



51, 17.498, 34.347



30, 3.808, 353.505



29, 54.846, 15.310



1, 4.038, 353.104

Previews

White Background



This preview shows how the CIE LCh color 59, 19.477, 169.803 looks on a white background.

Color Contrast Check

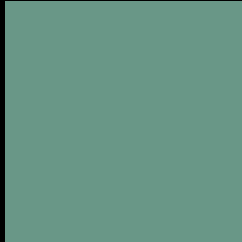
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.477, 169.803 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, 19.477, 169.803

Background



This preview shows how black text looks on a background with the CIELCh color 59, 19.477, 169.803.

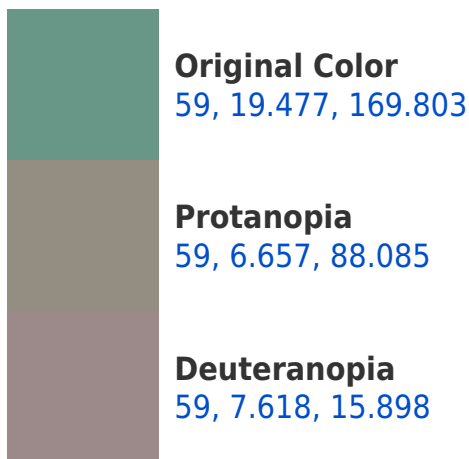


This preview shows how white text looks on a background with the CIELCh color 59, 19.477, 169.803.

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





Tritanopia
59, 14.315, 226.930

Trichromacy



Original Color
59, 19.477, 169.803

Protanomaly
59, 9.003, 143.955

Deuteranomaly
59, 3.247, 138.710

Tritanomaly
59, 14.249, 202.722

Monochromacy



Original Color
59, 19.477, 169.803

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 7.438, 171.377

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 19.477, 169.803 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, 151, 135)` looks like.

```
.text, #text, p{  
    color:rgb(105, 151, 135)  
}
```

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, 151, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 151, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 19.477, 169.803 is called "border". The border property can be set on classes, ids or directly on the HTML element.

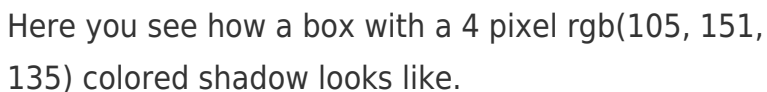
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 151, 135) }
```

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

```
.border{ border-color:rgb(105, 151, 135) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 151, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 151, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 151, 135); box-shadow:4px 4px 4px 4px rgb(105, 151, 135) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 19.477, 169.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 151, 135) }
```

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

```
.background{ background-color: rgb(105,  
151, 135) }
```

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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