

Converting Colors

CIELCh(59, 17.792, 204.185)

Have a look what the booklet for
CIELCh(59, 17.792, 204.185)
contains.

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Color

CIELCh(59, 17.896, 203.313)

Conversions

Conversions Part 1

Format	Color
Hex	63979A
RGB	99, 151, 154
RGB Percent	39%, 59%, 60%
CMY	0.6126, 0.4087, 0.3969
CMYK	0.36, 0.02, 0.00, 0.40
HSL	183°, 22%, 50%
HSV	183°, 36%, 60%
XYZ	21.9669, 27.0277, 34.5338
YIQ	135.7940, -31.9550, -10.0910

Conversions

Conversions Part 2

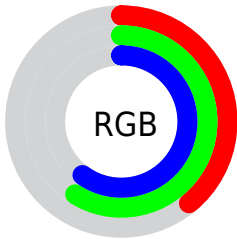
Format	Color
R_{YB}	99, 126, 154
Decimal	6526874
CIE _{Lab}	59.00, -16.43, -7.08
CIE _{LCh}	59, 17.896, 203.313
Yxy	27.0277, 0.2630, 0.3236
Android (android.graphics.Color)	4284716954 (0xFF63979A)
YUV	135.7940, 8.9756, -32.2683
Hunter-Lab	51.9882, -15.5567, -2.9923

Details

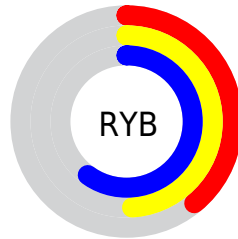
The CIELCh color `59, 17.896, 203.313` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `49, 22.994, 26.563`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `79, 17.818, 203.343`, and `39, 17.834, 203.263` is the 20% darker color. If you saturate the color by 10%, you get `58, 21.861, 203.245`, and if you desaturate by 10%, it is `60, 13.403, 203.478`.

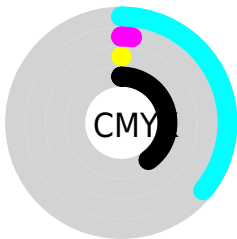
Distribution



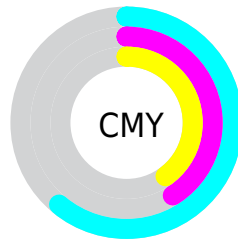
- Red (39%)
- Green (59%)
- Blue (60%)



- Red (39%)
- Yellow (49%)
- Blue (60%)



- Cyan (36%)
- Magenta (2%)
- Yellow (0%)
- Black (40%)





- Cyan (61%)
- Magenta (41%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 17.896, 203.313 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, 17.896, 203.313 by changing the saturation by 10% instead.


 59, 17.896,
203.313


 59, 17.896,
203.313

 100, 17.896,
203.313


 49, 17.896,
203.313


 79, 17.896,
203.313

 39, 17.896,
203.313

 89, 17.896,
203.313

 29, 17.896,
203.313

 99, 17.896,
203.313

 19, 17.896,
203.313

 9, 17.896, 203.313

 0, 17.896, 203.313

■ 59, 17.896,
203.313

■ 59, 17.896,
203.313

■ 58, 21.861,
203.245

■ 60, 13.403,
203.478

■ 57, 25.218,
203.301

■ 61, 8.468, 203.742

■ 63, 3.178, 204.143

■ 56, 27.904,
203.493

■ 64, 2.389, 24.173

■ 56, 29.885,
203.839

■ 66, 8.159, 24.716

■ 55, 31.163,
204.355

■ 67, 14.074, 25.178

■ 69, 20.083, 25.649

■ 55, 31.804,
205.045

■ 71, 26.144, 26.129

■ 55, 32.002,
205.356

■ 73, 32.227, 26.614

Harmonies

Complementary

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



59, 17.896, 203.313



49, 22.994, 26.563

Rectangle

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



59, 17.896, 203.313



59, 17.896, 253.313



59, 17.896, 23.313



59, 17.896, 73.313

Sweetspot

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



59, 17.896, 203.310



78, 7.381, 203.897



59, 36.505, 143.224



41, 4.931, 203.852



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, 17.896, 203.310



74, 25.577, 203.249



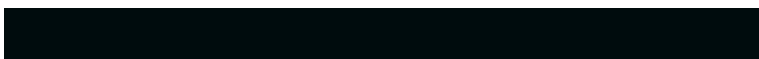
51, 19.196, 266.456



32, 3.078, 203.975



50, 29.936, 205.279



3, 3.386, 204.842

Inverse Universe

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



49, 36.368, 327.891



60, 53.439, 328.316



56, 20.544, 76.090



30, 5.724, 326.418



32, 71.036, 330.473



1, 6.124, 326.124

Previews

White Background



This preview shows how the CIELCh color 59, 17.896, 203.313 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, 17.896, 203.313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

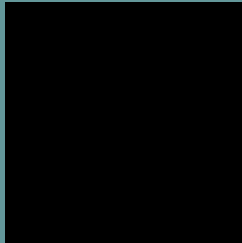
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 17.896, 203.313

Background



This preview shows how black text looks on a background with the CIELCh color 59, 17.896, 203.313.

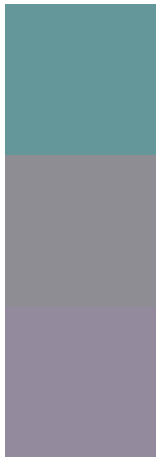


This preview shows how white text looks on a background with the CIELCh color 59, 17.896, 203.313.

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, 17.896, 203.313

Protanopia
59, 3.997, 296.134

Deuteranopia
59, 11.476, 310.496



Tritanopia
59, 17.575, 220.992

Trichromacy



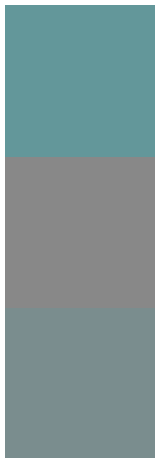
Original Color
59, 17.896, 203.313

Protanomaly
59, 7.514, 221.085

Deuteranomaly
59, 8.667, 257.704

Tritanomaly
59, 17.504, 215.048

Monochromacy



Original Color
59, 17.896, 203.313

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 7.157, 203.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 17.896, 203.313 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(99, 151, 154)` looks like.

```
.text, #text, p{  
    color:rgb(99, 151, 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(99, 151, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 151, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 17.896, 203.313 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(99, 151, 154) }
```

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

```
.border{ border-color:rgb(99, 151, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 151, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 151, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 151, 154);  
box-shadow:4px 4px 4px 4px rgb(99, 151,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 17.896, 203.313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 151, 154) }
```

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

```
.background{ background-color: rgb(99, 151,  
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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