

Converting Colors

CIE LCh(59, 18.083, 175.153)

Have a look what the booklet for
CIELCh(59, 18.083, 175.153)
contains.

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Color

CIELCh(59, 18.011, 175.486)

Conversions

Conversions Part 1

Format	Color
Hex	6A978B
RGB	106, 151, 139
RGB Percent	42%, 59%, 55%
CMY	0.5846, 0.4082, 0.4552
CMYK	0.30, 0.00, 0.08, 0.41
HSL	164°, 18%, 50%
HSV	164°, 30%, 59%
XYZ	21.6420, 27.0277, 28.4714
YIQ	136.1770, -22.9680, -13.2720

Conversions

Conversions Part 2

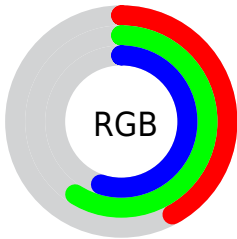
Format	Color
RYB	106, 132, 151
Decimal	6985611
CIELab	59.00, -17.96, 1.42
CIElCh	59, 18.011, 175.486
Yxy	27.0277, 0.2806, 0.3504
Android (android.graphics.Color)	4285175691 (0xFF6A978B)
YUV	136.1770, 1.3917, -26.4652
Hunter-Lab	51.9882, -16.6722, 3.9215

Details

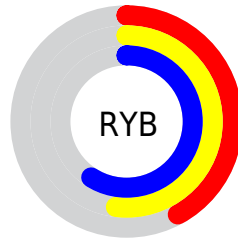
The CIELCh color **59, 18.011, 175.486** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **50, 19.844, 1.532**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 17.780, 175.053**, and **39, 18.215, 175.353** is the 20% darker color. If you saturate the color by 10%, you get **58, 23.536, 174.377**, and if you desaturate by 10%, it is **60, 12.166, 176.513**.

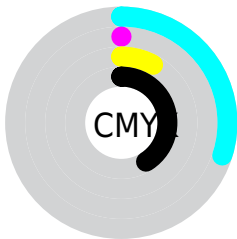
Distribution



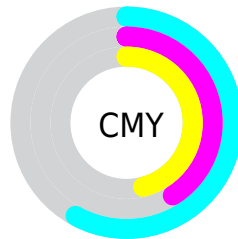
- Red (42%)
- Green (59%)
- Blue (55%)



- Red (42%)
- Yellow (52%)
- Blue (59%)



- Cyan (30%)
- Magenta (0%)
- Yellow (8%)
- Black (41%)



- Cyan (58%)
- Magenta (41%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 18.011, 175.486 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, 18.011, 175.486 by changing the saturation by 10% instead.


 59, 18.011,
175.486

 59, 18.011,
175.486


 100, 18.011,
175.486

 49, 18.011,
175.486

 79, 18.011,
175.486


 39, 18.011,
175.486


 89, 18.011,
175.486

 29, 18.011,
175.486

 99, 18.011,
175.486

 19, 18.011,
175.486

 9, 18.011, 175.486

 0, 18.011, 175.486

■ 59, 18.011,
175.486

■ 59, 18.011,
175.486

■ 58, 23.536,
174.377

■ 60, 12.166,
176.513

■ 57, 28.637,
173.172

■ 61, 6.094, 177.496

■ 62, 0.119, 354.976

■ 57, 33.221,
171.847

■ 64, 6.397, 359.110

■ 56, 37.211,
170.378

■ 65, 12.683,
359.947

■ 56, 40.558,
168.744

■ 67, 18.930, 0.728

■ 56, 43.262,
166.928

■ 69, 25.103, 1.472

■ 70, 31.179, 2.186

■ 55, 45.501,
165.006

■ 72, 37.140, 2.873

■ 55, 45.541,

164.972

Harmonies

Complementary

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



59, 18.011, 175.486



50, 19.844, 1.532

Rectangle

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



59, 18.011, 175.486



59, 18.011, 225.486



59, 18.011, 355.486



59, 18.011, 45.486

Sweetspot

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



59, 18.012, 175.484



78, 6.927, 177.559



59, 28.429, 134.857



41, 4.846, 177.425



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, 18.012, 175.484



74, 26.565, 174.729



56, 13.437, 223.018



32, 3.549, 177.553



52, 43.076, 165.119



3, 3.898, 177.444

Inverse Universe

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



50, 19.844, 1.532



60, 29.983, 2.541



52, 16.372, 40.908



30, 3.654, 359.101



29, 56.687, 22.653



1, 3.865, 358.629

Previews

White Background



This preview shows how the CIELCh color 59, 18.011, 175.486 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, 18.011, 175.486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

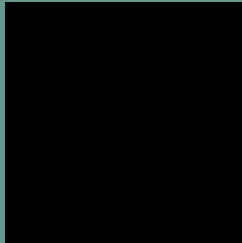
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

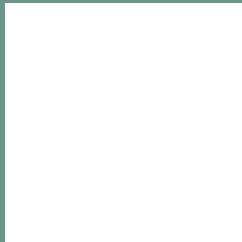
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 18.011, 175.486

Background



This preview shows how black text looks on a background with the CIELCh color 59, 18.011, 175.486.




This preview shows how white text looks on a background with the CIELCh color 59, 18.011, 175.486.

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, 14.591, 226.322

Trichromacy



Original Color
59, 18.011, 175.486

Protanomaly
59, 7.916, 153.097

Deuteranomaly
59, 2.023, 183.145

Tritanomaly
59, 14.241, 205.046

Monochromacy



Original Color
59, 18.011, 175.486

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 6.594, 178.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 18.011, 175.486 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(106, 151, 139)` looks like.

```
.text, #text, p{  
    color:rgb(106, 151, 139)  
}
```

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(106, 151, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 151, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 18.011, 175.486 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(106, 151, 139) }
```

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

```
.border{ border-color:rgb(106, 151, 139) }
```

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

Here you see how a box with a 4 pixel rgb(106, 151, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 151, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 151, 139);  
box-shadow:4px 4px 4px 4px rgb(106, 151,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 18.011, 175.486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 151, 139) }
```

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

```
.background{ background-color: rgb(106,  
151, 139) }
```

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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