

Converting Colors

CIELCh(59, 19.197, 314.230)

Have a look what the booklet for
CIELCh(59, 19.197, 314.230)
contains.

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Color

CIELCh(59, 19.168, 314.744)

Conversions

Conversions Part 1

Format	Color
Hex	9B87A6
RGB	155, 135, 166
RGB Percent	61%, 53%, 65%
CMY	0.3924, 0.4708, 0.3492
CMYK	0.07, 0.19, 0.00, 0.35
HSL	279°, 15%, 59%
HSV	279°, 19%, 65%
XYZ	29.0419, 27.0277, 39.7366
YIQ	144.5140, 1.9690, 13.8810

Conversions

Conversions Part 2

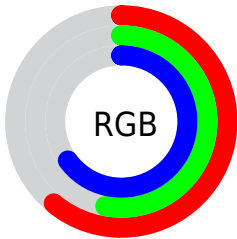
Format	Color
RYB	155, 135, 166
Decimal	10192806
CIELab	59.00, 13.49, -13.61
CIElCh	59, 19.168, 314.744
Yxy	27.0277, 0.3031, 0.2821
Android (android.graphics.Color)	4288382886 (0xFF9B87A6)
YUV	144.5140, 10.5926, 9.1962
Hunter-Lab	51.9882, 8.7350, -8.9259

Details

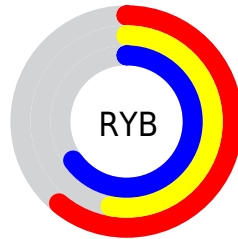
The CIELCh color $59, 19.168, 314.744$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $66, 18.846, 133.169$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 19.374, 315.289$, and $39, 19.344, 315.327$ is the 20% darker color. If you saturate the color by 10%, you get $54, 29.690, 315.185$, and if you desaturate by 10%, it is $64, 8.809, 314.308$.

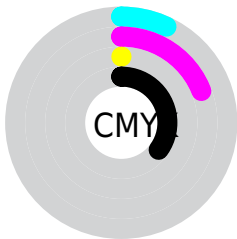
Distribution



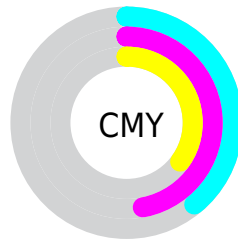
- Red (61%)
- Green (53%)
- Blue (65%)



- Red (61%)
- Yellow (53%)
- Blue (65%)



- Cyan (7%)
- Magenta (19%)
- Yellow (0%)
- Black (35%)




- Cyan (39%)
- Magenta (47%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 19.168, 314.744 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, 19.168, 314.744 by changing the saturation by 10% instead.

 59, 19.168,
314.744

 59, 19.168,
314.744

 100, 19.168,
314.744


 49, 19.168,
314.744


 79, 19.168,
314.744

 39, 19.168,
314.744

 89, 19.168,
314.744

 29, 19.168,
314.744

 99, 19.168,
314.744

 19, 19.168,
314.744

 9, 19.168, 314.744

 0, 19.168, 314.744

59, 19.168,
314.744

59, 19.168,
314.744

54, 29.690,
315.185

64, 8.809, 314.308

50, 40.263,
315.620

69, 1.315, 134.029

45, 50.696,
316.024

74, 11.174,
133.559

41, 60.695,
316.359

79, 20.752,
133.210

37, 69.841,
316.571

83, 30.048,
132.896

34, 77.602,
316.593

88, 39.069,
132.615

31, 83.415,
316.351

93, 47.824,
132.365

29, 87.210,

95, 49.114,
130.669

315.838

95, 48.226,
128.419

29, 87.690,
315.774

Harmonies

Complementary

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



59, 19.168, 314.744



66, 18.846, 133.169

Rectangle

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



59, 19.168, 314.744



59, 19.168, 4.744



59, 19.168, 134.744



59, 19.168, 184.744

Sweetspot

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



59, 19.166, 314.743



83, 7.548, 314.195



60, 11.696, 270.997



44, 5.050, 314.223



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59, 19.166, 314.743



73, 28.157, 314.908



60, 19.222, 329.387



33, 5.815, 314.335



26, 80.529, 315.872



1, 10.307, 311.387

Inverse Universe

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



59, 13.714, 354.059



74, 20.184, 354.483



65, 19.179, 147.091



33, 4.138, 353.064



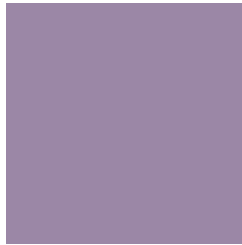
31, 56.948, 14.948



2, 7.227, 355.582

Previews

White Background



This preview shows how the CIELCh color 59, 19.168, 314.744 looks on a white background.

Color Contrast Check

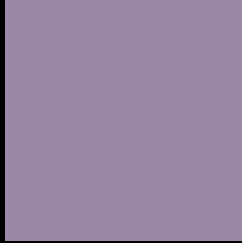
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.168, 314.744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

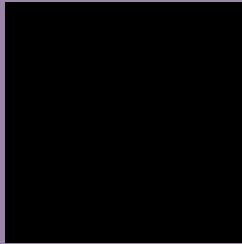
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 19.168, 314.744

Background



This preview shows how black text looks on a background with the CIELCh color 59, 19.168, 314.744.



This preview shows how white text looks on a background with the CIELCh color 59, 19.168, 314.744.

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, 19.168, 314.744

Protanopia

59, 16.490, 285.869

Deuteranopia

59, 14.956, 300.263



Tritanopia
59, 8.295, 331.567

Trichromacy



Original Color
59, 19.168, 314.744

Protanomaly
59, 17.115, 296.913

Deuteranomaly
59, 15.908, 306.601

Tritanomaly
59, 11.944, 321.928

Monochromacy



Original Color
59, 19.168, 314.744

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 6.812, 313.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 19.168, 314.744 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(155, 135, 166)` looks like.

```
.text, #text, p{  
    color:rgb(155, 135, 166)  
}
```

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(155, 135, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 135, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 19.168, 314.744 is called "border". The border property can be set on classes, ids or directly on the HTML element.

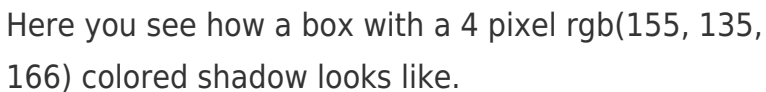
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 135, 166) }
```

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

```
.border{ border-color:rgb(155, 135, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 135, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 135, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 135, 166);  
box-shadow:4px 4px 4px 4px rgb(155, 135,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 19.168, 314.744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 135, 166) }
```

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

```
.background{ background-color: rgb(155,  
135, 166) }
```

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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