

Converting Colors

CIELCh(59, 16.444, 319.491)

Have a look what the booklet for
CIELCh(59, 16.444, 319.491)
contains.

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Color

CIELCh(59, 16.798, 319.736)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9C87A1 |
| RGB | 156, 135, 161 |
| RGB Percent | 61%, 53%, 63% |
| CMY | 0.3877, 0.4700, 0.3681 |
| CMYK | 0.03, 0.16, 0.00, 0.37 |
| HSL | 288°, 12%, 58% |
| HSV | 288°, 16%, 63% |
| XYZ | 28.8676, 27.0277, 37.4807 |
| YIQ | 144.2430, 4.1700, 12.5380 |

Conversions

Conversions Part 2

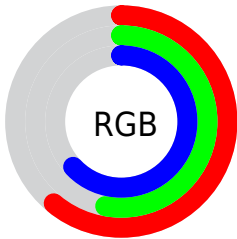
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 156, 135, 161 |
| Decimal | 10258337 |
| CIE _{Lab} | 59.00, 12.82, -10.86 |
| CIE _{LCh} | 59, 16.798, 319.736 |
| Yxy | 27.0277, 0.3092, 0.2895 |
| Android (android.graphics.Color) | 4288448417 (0xFF9C87A1) |
| YUV | 144.2430, 8.2612, 10.3109 |
| Hunter-Lab | 51.9882, 8.1367, -6.3532 |

Details

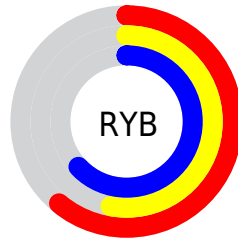
The CIELCh color $59, 16.798, 319.736$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $64, 16.670, 138.281$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 17.156, 320.019$, and $39, 16.804, 320.739$ is the 20% darker color. If you saturate the color by 10%, you get $55, 27.354, 320.180$, and if you desaturate by 10%, it is $64, 6.336, 319.278$.

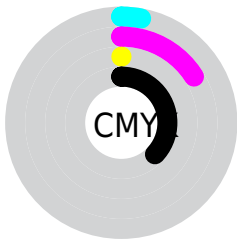
Distribution



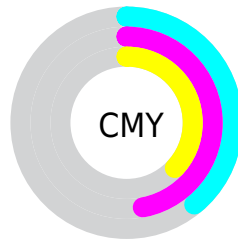
- Red (61%)
- Green (53%)
- Blue (63%)



- Red (61%)
- Yellow (53%)
- Blue (63%)



- Cyan (3%)
- Magenta (16%)
- Yellow (0%)
- Black (37%)





- Cyan (39%)
- Magenta (47%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 16.798, 319.736 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, 16.798, 319.736 by changing the saturation by 10% instead.


 59, 16.798,
319.736


 59, 16.798,
319.736


 100, 16.798,
319.736


 49, 16.798,
319.736


 79, 16.798,
319.736

 39, 16.798,
319.736

 89, 16.798,
319.736

 29, 16.798,
319.736

 99, 16.798,
319.736

 19, 16.798,
319.736

 9, 16.798, 319.736

 0, 16.798, 319.736

59, 16.798,
319.736

59, 16.798,
319.736

55, 27.354,
320.180

64, 6.336, 319.278

50, 37.864,
320.607

68, 3.935, 138.924

46, 48.106,
320.996

73, 13.962,
138.483

43, 57.770,
321.318

77, 23.719,
138.093

39, 66.454,
321.538

82, 33.195,
137.733

37, 73.697,
321.613

87, 42.390,
137.401


35, 79.065,
321.503


91, 51.311,
137.097

33, 82.370,

93, 54.816,
136.465

321.184

 94, 54.260,
135.541

 33, 83.438,
321.045

Harmonies

Complementary

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



59, 16.798, 319.736



64, 16.670, 138.281

Rectangle

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



59, 16.798, 319.736



59, 16.798, 9.736



59, 16.798, 139.736



59, 16.798, 189.736

Sweetspot

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



59, 16.796, 319.736



81, 6.378, 319.227



59, 11.916, 282.403



42, 4.345, 319.260



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



59, 16.796, 319.736



73, 24.503, 319.880



59, 14.405, 335.366



32, 5.917, 319.425



29, 77.345, 321.103



1, 9.017, 317.621

Inverse Universe

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



59, 10.757, 5.352



73, 15.787, 5.720



64, 14.306, 153.144



32, 3.743, 4.613



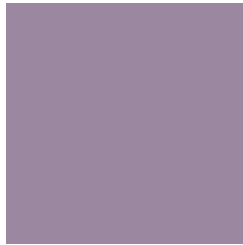
30, 60.835, 28.886



1, 5.654, 5.234

Previews

White Background



This preview shows how the CIELCh color 59, 16.798, 319.736 looks on a white background.

Color Contrast Check

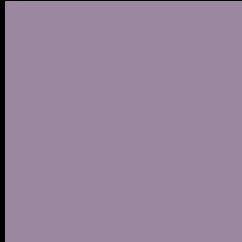
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.798, 319.736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

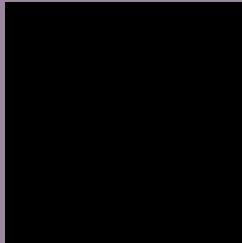
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 16.798, 319.736

Background



This preview shows how black text looks on a background with the CIELCh color 59, 16.798, 319.736.



This preview shows how white text looks on a background with the CIELCh color 59, 16.798, 319.736.

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, 16.798, 319.736

Protanopia

59, 13.625, 287.160

Deuteranopia

59, 13.533, 305.917



Tritanopia
59, 9.115, 337.256

Trichromacy



Original Color
59, 16.798, 319.736

Protanomaly
59, 14.397, 300.558

Deuteranomaly
59, 14.529, 311.148

Tritanomaly
59, 12.135, 328.107

Monochromacy



Original Color
59, 16.798, 319.736

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 5.793, 318.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 16.798, 319.736 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(156, 135, 161)` looks like.

```
.text, #text, p{  
    color:rgb(156, 135, 161)  
}
```

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(156, 135, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 135, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 16.798, 319.736 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(156, 135, 161) }
```

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

```
.border{ border-color:rgb(156, 135, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 135, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 135, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 135, 161);  
box-shadow:4px 4px 4px 4px rgb(156, 135,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 16.798, 319.736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 135, 161) }
```

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

```
.background{ background-color: rgb(156,  
135, 161) }
```

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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