

Converting Colors

CIELCh(59, 22.163, 314.480)

Have a look what the booklet for
CIELCh(59, 22.163, 314.480)
contains.

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Color

CIELCh(59, 22.187, 314.653)

Conversions

Conversions Part 1

Format	Color
Hex	9D86AA
RGB	157, 134, 170
RGB Percent	62%, 53%, 67%
CMY	0.3852, 0.4754, 0.3342
CMYK	0.08, 0.21, 0.00, 0.33
HSL	278°, 17%, 60%
HSV	278°, 21%, 67%
XYZ	29.5886, 27.0277, 41.5734
YIQ	144.9810, 2.1520, 16.0720

Conversions

Conversions Part 2

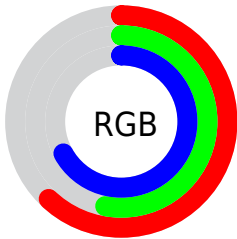
Format	Color
RYB	157, 134, 170
Decimal	10323626
CIELab	59.00, 15.59, -15.78
CIELCh	59, 22.187, 314.653
Yxy	27.0277, 0.3013, 0.2753
Android (android.graphics.Color)	4288513706 (0xFF9D86AA)
YUV	144.9810, 12.3344, 10.5407
Hunter-Lab	51.9882, 10.6122, -11.0206

Details

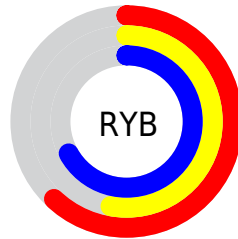
The CIELCh color $59, 22.187, 314.653$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $67, 21.756, 132.843$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 22.234, 315.094$, and $39, 22.431, 314.263$ is the 20% darker color. If you saturate the color by 10%, you get $54, 32.924, 315.097$, and if you desaturate by 10%, it is $64, 11.596, 314.214$.

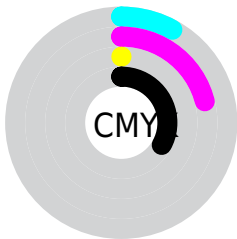
Distribution



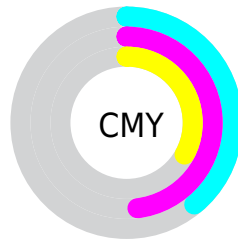
- Red (62%)
- Green (53%)
- Blue (67%)



- Red (62%)
- Yellow (53%)
- Blue (67%)



- Cyan (8%)
- Magenta (21%)
- Yellow (0%)
- Black (33%)





- Cyan (39%)
- Magenta (48%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 22.187, 314.653 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, 22.187, 314.653 by changing the saturation by 10% instead.


 59, 22.187,
314.653

 59, 22.187,
314.653


 100, 22.187,
314.653

 49, 22.187,
314.653

 79, 22.187,
314.653

 39, 22.187,
314.653

 89, 22.187,
314.653

 29, 22.187,
314.653

 99, 22.187,
314.653

 19, 22.187,
314.653

 9, 22.187, 314.653

 0, 22.187, 314.653

59, 22.187,
314.653

59, 22.187,
314.653

54, 32.924,
315.097

64, 11.596,
314.214

49, 43.678,
315.531

69, 1.233, 313.699

45, 54.231,
315.925

74, 8.864, 133.449

79, 18.675,
133.089

41, 64.253,
316.238

84, 28.199,
132.768

37, 73.283,
316.412

89, 37.440,
132.480

34, 80.751,
316.375


94, 46.407,
132.223

31, 86.100,
316.050

95, 46.808,
130.161

30, 89.300,

315.572

 95, 45.910,
127.671

Harmonies

Complementary

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



59, 22.187, 314.653



67, 21.756, 132.843

Rectangle

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



59, 22.187, 314.653



59, 22.187, 4.653



59, 22.187, 134.653



59, 22.187, 184.653

Sweetspot

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



59, 22.185, 314.653



85, 7.680, 313.991



61, 13.542, 271.414



45, 5.139, 314.019



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



59, 22.185, 314.653



73, 32.653, 314.842



60, 22.237, 329.541



33, 5.806, 314.131



25, 80.628, 315.690



1, 10.292, 311.170

Inverse Universe

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



60, 15.967, 353.933



74, 23.540, 354.434



66, 22.187, 146.892



33, 4.153, 352.655



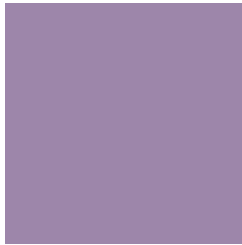
31, 56.851, 14.357



2, 7.249, 355.211

Previews

White Background



This preview shows how the CIELCh color 59, 22.187, 314.653 looks on a white background.

Color Contrast Check

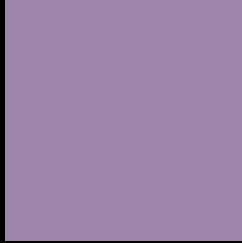
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.187, 314.653 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, 22.187, 314.653

Background



This preview shows how black text looks on a background with the CIELCh color 59, 22.187, 314.653.



This preview shows how white text looks on a background with the CIELCh color 59, 22.187, 314.653.

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, 22.187, 314.653

Protanopia

59, 19.356, 285.131

Deuteranopia

59, 17.115, 296.913



Tritanopia
59, 8.158, 336.306

Trichromacy



Original Color
59, 22.187, 314.653

Protanomaly
59, 19.959, 296.483

Deuteranomaly
59, 18.674, 304.522

Tritanomaly
59, 13.309, 322.308

Monochromacy



Original Color
59, 22.187, 314.653

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 8.002, 313.321

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 22.187, 314.653 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(157, 134, 170)` looks like.

```
.text, #text, p{  
    color:rgb(157, 134, 170)  
}
```

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(157, 134, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 134, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 22.187, 314.653 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(157, 134, 170) }
```

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

```
.border{ border-color:rgb(157, 134, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 134, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 134, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 134, 170);  
box-shadow:4px 4px 4px 4px rgb(157, 134,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 22.187, 314.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 134, 170) }
```

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

```
.background{ background-color: rgb(157,  
134, 170) }
```

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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