

Converting Colors

CIELCh(59, 26.716, 314.209)

Have a look what the booklet for
CIELCh(59, 26.716, 314.209)
contains.

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Color

CIELCh(59, 26.900, 314.005)

Conversions

Conversions Part 1

Format	Color
Hex	9F84B0
RGB	159, 132, 176
RGB Percent	62%, 52%, 69%
CMY	0.3763, 0.4822, 0.3096
CMYK	0.10, 0.25, 0.00, 0.31
HSL	277°, 22%, 60%
HSV	277°, 25%, 69%
XYZ	30.4067, 27.0277, 44.7140
YIQ	145.0890, 1.9680, 19.4080

Conversions

Conversions Part 2

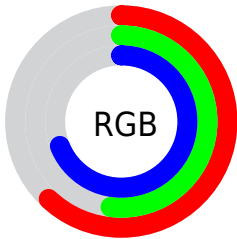
Format	Color
RYB	159, 132, 176
Decimal	10454192
CIELab	59.00, 18.69, -19.35
CIELCh	59, 26.900, 314.005
Yxy	27.0277, 0.2977, 0.2646
Android (android.graphics.Color)	4288644272 (0xFF9F84B0)
YUV	145.0890, 15.2391, 12.1999
Hunter-Lab	51.9882, 13.4211, -14.6023

Details

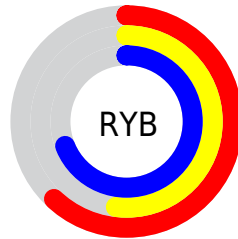
The CIELCh color $59, 26.900, 314.005$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $69, 26.233, 131.831$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 27.189, 313.918$, and $39, 26.905, 314.212$ is the 20% darker color. If you saturate the color by 10%, you get $54, 37.959, 314.459$, and if you desaturate by 10%, it is $64, 15.966, 313.555$.

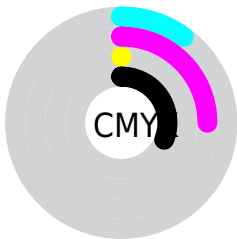
Distribution



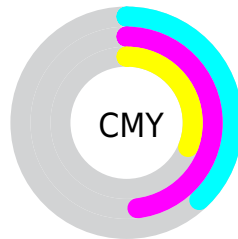
- Red (62%)
- Green (52%)
- Blue (69%)



- Red (62%)
- Yellow (52%)
- Blue (69%)



- Cyan (10%)
- Magenta (25%)
- Yellow (0%)
- Black (31%)





- Cyan (38%)
- Magenta (48%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 26.900, 314.005 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, 26.900, 314.005 by changing the saturation by 10% instead.


 59, 26.900,
314.005


 59, 26.900,
314.005


 100, 26.900,
314.005


 49, 26.900,
314.005


 79, 26.900,
314.005

 39, 26.900,
314.005

 89, 26.900,
314.005

 29, 26.900,
314.005

 99, 26.900,
314.005

 19, 26.900,
314.005

 9, 26.900, 314.005

 0, 26.900, 314.005

59, 26.900,
314.005

59, 26.900,
314.005

54, 37.959,
314.459

64, 15.966,
313.555

49, 48.990,
314.897

69, 5.256, 313.112

45, 59.734,
315.284

74, 5.184, 132.770

40, 69.804,
315.571

80, 15.331,
132.389

37, 78.668,
315.690

85, 25.179,
132.057

33, 85.703,
315.560

90, 34.732,
131.760


31, 90.373,
315.103

95, 43.835,
131.454

30, 92.222,

96, 42.810,
128.533

314.824

 96, 41.900,
125.421

Harmonies

Complementary

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



59, 26.900, 314.005



69, 26.233, 131.831

Rectangle

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



59, 26.900, 314.005



59, 26.900, 4.005



59, 26.900, 134.005



59, 26.900, 184.005

Sweetspot

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



59, 26.898, 314.005



87, 9.164, 313.209



61, 15.858, 269.170



45, 5.952, 313.234



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



59, 26.898, 314.005



72, 40.247, 314.256



61, 27.638, 328.701



35, 6.059, 313.306



26, 83.089, 314.944



2, 14.148, 309.154

Inverse Universe

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



60, 19.739, 352.736



73, 29.552, 353.416



68, 27.598, 145.569



35, 4.425, 351.048



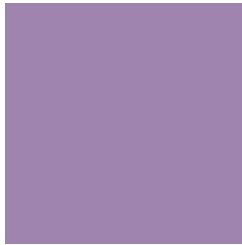
32, 57.971, 12.133



2, 10.030, 356.070

Previews

White Background



This preview shows how the CIELCh color 59, 26.900, 314.005 looks on a white background.

Color Contrast Check

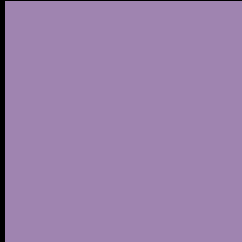
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.900, 314.005 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, 26.900, 314.005

Background



This preview shows how black text looks on a background with the CIELCh color 59, 26.900, 314.005.



This preview shows how white text looks on a background with the CIELCh color 59, 26.900, 314.005.

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, 26.900, 314.005

Protanopia

59, 23.369, 284.477

Deuteranopia

59, 20.431, 292.475



Tritanopia
59, 9.403, 338.939

Trichromacy



Original Color
59, 26.900, 314.005

Protanomaly
59, 23.885, 295.328

Deuteranomaly
59, 22.517, 301.696

Tritanomaly
59, 15.344, 322.769

Monochromacy



Original Color
59, 26.900, 314.005

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 9.868, 313.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 26.900, 314.005 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(159, 132, 176)` looks like.

```
.text, #text, p{  
    color:rgb(159, 132, 176)  
}
```

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(159, 132, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 132, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 26.900, 314.005 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(159, 132, 176) }
```

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

```
.border{ border-color:rgb(159, 132, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 132, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 132, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 132, 176);  
box-shadow:4px 4px 4px 4px rgb(159, 132,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 26.900, 314.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 132, 176) }
```

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

```
.background{ background-color: rgb(159,  
132, 176) }
```

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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