

Converting Colors

CIELCh(59, 18.592, 317.504)

Have a look what the booklet for
CIELCh(59, 18.592, 317.504)
contains.

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Color

CIELCh(59, 18.294, 317.224)

Conversions

Conversions Part 1

Format	Color
Hex	9C87A4
RGB	156, 135, 164
RGB Percent	61%, 53%, 64%
CMY	0.3887, 0.4710, 0.3573
CMYK	0.05, 0.18, 0.00, 0.36
HSL	283°, 14%, 59%
HSV	283°, 18%, 64%
XYZ	29.0250, 27.0277, 38.7522
YIQ	144.5850, 3.2070, 13.4710

Conversions

Conversions Part 2

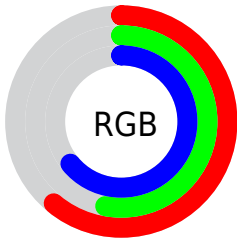
Format	Color
R _Y B	156, 135, 164
Decimal	10258340
CIE Lab	59.00, 13.43, -12.42
CIE LCh	59, 18.294, 317.224
Yxy	27.0277, 0.3062, 0.2851
Android (android.graphics.Color)	4288448420 (0xFF9C87A4)
YUV	144.5850, 9.5716, 10.0110
Hunter-Lab	51.9882, 8.6773, -7.8032

Details

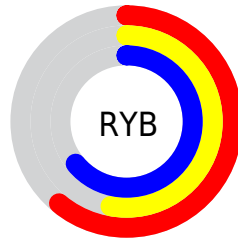
The CIELCh color $59, 18.294, 317.224$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $65, 18.074, 135.707$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 18.563, 317.641$, and $39, 18.402, 317.987$ is the 20% darker color. If you saturate the color by 10%, you get $54, 28.835, 317.656$, and if you desaturate by 10%, it is $64, 7.878, 316.788$.

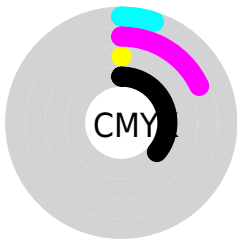
Distribution



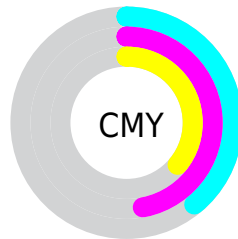
- Red (61%)
- Green (53%)
- Blue (64%)



- Red (61%)
- Yellow (53%)
- Blue (64%)



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)
- Black (36%)



- Cyan (39%)
- Magenta (47%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 18.294, 317.224 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, 18.294, 317.224 by changing the saturation by 10% instead.

 59, 18.294,
317.224


 59, 18.294,
317.224

 100, 18.294,
317.224

 49, 18.294,
317.224

 79, 18.294,
317.224

 39, 18.294,
317.224

 89, 18.294,
317.224

 29, 18.294,
317.224

 99, 18.294,
317.224

 19, 18.294,
317.224

 9, 18.294, 317.224

 0, 18.294, 317.224

59, 18.294,
317.224

59, 18.294,
317.224

54, 28.835,
317.656

64, 7.878, 316.788

50, 39.373,
318.075

68, 2.327, 136.470

46, 49.701,
318.456

73, 12.280,
136.029

42, 59.512,
318.766

78, 21.959,
135.666

38, 68.395,
318.960

83, 31.359,
135.336

35, 75.849,
318.982

88, 40.482,
135.035


33, 81.381,
318.776


92, 49.336,
134.763

31, 84.871,

94, 51.671,
133.684

318.323

 94, 50.914,
132.143

 31, 85.606,
318.217

Harmonies

Complementary

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



59, 18.294, 317.224



65, 18.074, 135.707

Rectangle

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



59, 18.294, 317.224



59, 18.294, 7.224



59, 18.294, 137.224



59, 18.294, 187.224

Sweetspot

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



59, 18.292, 317.224



83, 6.354, 316.669



59, 12.054, 277.278



43, 4.330, 316.701



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



59, 18.292, 317.224



73, 27.082, 317.384



60, 16.994, 332.214



32, 5.783, 316.857



27, 78.357, 318.305



1, 8.790, 314.724

Inverse Universe

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



59, 12.367, 359.375



74, 18.386, 359.809



65, 16.922, 149.920



32, 3.872, 358.453



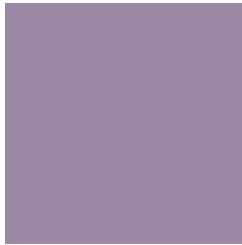
30, 57.980, 22.054



1, 5.839, 359.520

Previews

White Background



This preview shows how the CIELCh color 59, 18.294, 317.224 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, 18.294, 317.224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

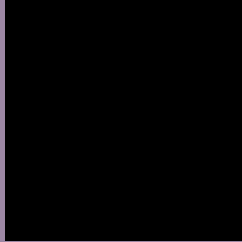
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 18.294, 317.224

Background



This preview shows how black text looks on a background with the CIELCh color 59, 18.294, 317.224.



This preview shows how white text looks on a background with the CIELCh color 59, 18.294, 317.224.

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, 18.294, 317.224

Protanopia

59, 15.338, 286.565

Deuteranopia

59, 13.904, 302.387



Tritanopia
59, 8.442, 338.200

Trichromacy



Original Color
59, 18.294, 317.224

Protanomaly
59, 16.028, 298.457

Deuteranomaly
59, 14.927, 309.067

Tritanomaly
59, 11.893, 326.585

Monochromacy



Original Color
59, 18.294, 317.224

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 6.298, 315.978

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 18.294, 317.224 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(156, 135, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 135, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 18.294, 317.224 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, 164) }
```

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

```
.border{ border-color:rgb(156, 135, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 135, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 135, 164);  
box-shadow:4px 4px 4px 4px rgb(156, 135,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 18.294, 317.224 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, 164) }
```

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

```
.background{ background-color: rgb(156,  
135, 164) }
```

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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