

Converting Colors

CIELCh(59, 16.993, 317.276)

Have a look what the booklet for
CIELCh(59, 16.993, 317.276)
contains.

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Color

CIELCh(59, 17.128, 317.700)

Conversions

Conversions Part 1

Format	Color
Hex	9B87A2
RGB	155, 135, 162
RGB Percent	61%, 53%, 64%
CMY	0.3910, 0.4694, 0.3635
CMYK	0.04, 0.17, 0.00, 0.36
HSL	284°, 13%, 58%
HSV	284°, 17%, 64%
XYZ	28.8290, 27.0277, 38.0213
YIQ	144.0580, 3.2530, 12.6370

Conversions

Conversions Part 2

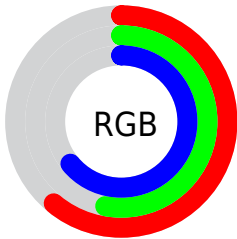
Format	Color
R_{YB}	155, 135, 162
Decimal	10192802
CIE _{Lab}	59.00, 12.67, -11.53
CIE _{LCh}	59, 17.128, 317.700
Yxy	27.0277, 0.3071, 0.2879
Android (android.graphics.Color)	4288382882 (0xFF9B87A2)
YUV	144.0580, 8.8454, 9.5961
Hunter-Lab	51.9882, 8.0043, -6.9697

Details

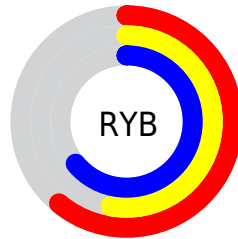
The CIELCh color $59, 17.128, 317.700$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $65, 16.946, 136.269$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 17.459, 318.123$, and $39, 17.159, 318.528$ is the 20% darker color. If you saturate the color by 10%, you get $54, 27.610, 318.133$, and if you desaturate by 10%, it is $64, 6.772, 317.260$.

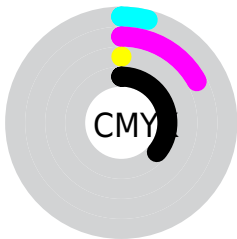
Distribution



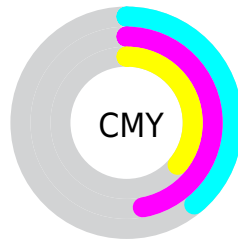
- Red (61%)
- Green (53%)
- Blue (64%)



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



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (36%)





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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 17.128, 317.700 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, 17.128, 317.700 by changing the saturation by 10% instead.


 59, 17.128,
317.700


 59, 17.128,
317.700


 100, 17.128,
317.700


 49, 17.128,
317.700


 79, 17.128,
317.700

 39, 17.128,
317.700

 89, 17.128,
317.700

 29, 17.128,
317.700

 99, 17.128,
317.700

 19, 17.128,
317.700

 9, 17.128, 317.700

 0, 17.128, 317.700

59, 17.128,
317.700

59, 17.128,
317.700

54, 27.610,
318.133

64, 6.772, 317.260

50, 38.093,
318.553

68, 3.375, 136.925

46, 48.373,
318.938

73, 13.271,
136.502

42, 58.155,
319.254

78, 22.895,
136.138

38, 67.037,
319.460

83, 32.240,
135.805

35, 74.536,
319.505

87, 41.311,
135.501


33, 80.167,
319.334


92, 50.115,
135.226

31, 83.715,

94, 52.892,
134.298

318.917

 94, 52.175,
132.920

 31, 84.753,
318.766

Harmonies

Complementary

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



59, 17.128, 317.700



65, 16.946, 136.269

Rectangle

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



59, 17.128, 317.700



59, 17.128, 7.700



59, 17.128, 137.700



59, 17.128, 187.700

Sweetspot

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



59, 17.126, 317.700



82, 6.321, 317.188



59, 11.455, 278.272



43, 4.349, 317.220



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, 17.126, 317.700



73, 25.626, 317.862



59, 15.666, 332.764



32, 5.809, 317.378



27, 78.137, 318.845



1, 8.832, 315.296

Inverse Universe

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



59, 11.437, 0.449



73, 17.194, 0.883



64, 15.595, 150.594



32, 3.843, 359.646



30, 58.479, 23.495



1, 5.797, 0.629

Previews

White Background



This preview shows how the CIELCh color 59, 17.128, 317.700 looks on a white background.

Color Contrast Check

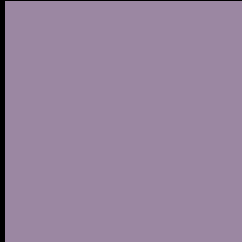
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.128, 317.700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

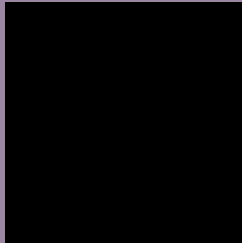
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 17.128, 317.700

Background



This preview shows how black text looks on a background with the CIELCh color 59, 17.128, 317.700.



This preview shows how white text looks on a background with the CIELCh color 59, 17.128, 317.700.

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, 17.128, 317.700

Protanopia

59, 14.213, 285.980

Deuteranopia

59, 14.082, 305.370



Tritanopia
59, 8.158, 336.306

Trichromacy



Original Color
59, 17.128, 317.700

Protanomaly
59, 14.904, 298.868

Deuteranomaly
59, 15.061, 310.439

Tritanomaly
59, 11.217, 326.646

Monochromacy



Original Color
59, 17.128, 317.700

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, 17.128, 317.700 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(155, 135, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 135, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 17.128, 317.700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

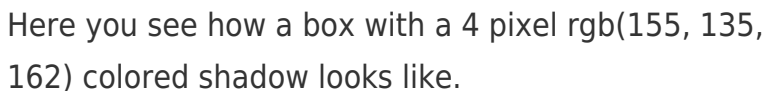
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 135, 162) }
```

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

```
.border{ border-color:rgb(155, 135, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 135, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 135, 162); box-shadow:4px 4px 4px 4px rgb(155, 135, 162) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 17.128, 317.700 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, 162) }
```

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

```
.background{ background-color: rgb(155,  
135, 162) }
```

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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