

Converting Colors

CIELCh(59, 18.787, 312.155)

Have a look what the booklet for
CIELCh(59, 18.787, 312.155)
contains.

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Color

CIELCh(59, 18.225, 312.135)

Conversions

Conversions Part 1

Format	Color
Hex	9988A6
RGB	153, 136, 166
RGB Percent	60%, 53%, 65%
CMY	0.4010, 0.4676, 0.3500
CMYK	0.08, 0.18, 0.00, 0.35
HSL	274°, 14%, 59%
HSV	274°, 18%, 65%
XYZ	28.7155, 27.0277, 39.6539
YIQ	144.5030, 0.5020, 12.9340

Conversions

Conversions Part 2

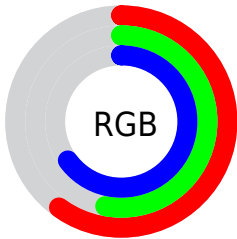
Format	Color
R_{YB}	153, 136, 166
Decimal	10061990
CIE _{Lab}	59.00, 12.23, -13.52
CIE _{LCh}	59, 18.225, 312.135
Yxy	27.0277, 0.3010, 0.2833
Android (android.graphics.Color)	4288252070 (0xFF9988A6)
YUV	144.5030, 10.5980, 7.4519
Hunter-Lab	51.9882, 7.6144, -8.8316

Details

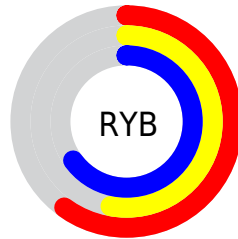
The CIELCh color $59, 18.225, 312.135$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $66, 17.852, 130.586$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 18.340, 311.844$, and $39, 18.345, 312.556$ is the 20% darker color. If you saturate the color by 10%, you get $54, 28.609, 312.604$, and if you desaturate by 10%, it is $64, 8.051, 311.682$.

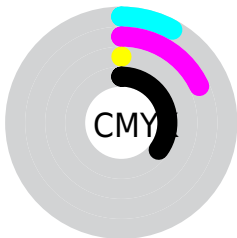
Distribution



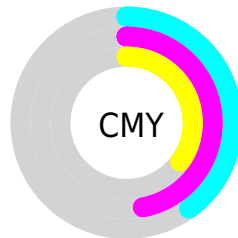
- Red (60%)
- Green (53%)
- Blue (65%)



- Red (60%)
- Yellow (53%)
- Blue (65%)



- Cyan (8%)
- Magenta (18%)
- Yellow (0%)
- Black (35%)





- Cyan (40%)
- Magenta (47%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 18.225, 312.135 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, 18.225, 312.135 by changing the saturation by 10% instead.


 59, 18.225,
312.135


 59, 18.225,
312.135


 100, 18.225,
312.135


 49, 18.225,
312.135


 79, 18.225,
312.135

 39, 18.225,
312.135

 89, 18.225,
312.135

 29, 18.225,
312.135

 99, 18.225,
312.135

 19, 18.225,
312.135

 9, 18.225, 312.135

 0, 18.225, 312.135

59, 18.225,
312.135

59, 18.225,
312.135

54, 28.609,
312.604

64, 8.051, 311.682

49, 39.119,
313.082

69, 1.860, 131.352

45, 49.596,
313.544

74, 11.489,
130.923

40, 59.781,
313.951

79, 20.832,
130.580

36, 69.281,
314.247

84, 29.893,
130.277

33, 77.550,
314.354

89, 38.681,
130.009

30, 83.959,
314.181

94, 47.209,
129.774

27, 88.255,

95, 48.000,
127.479

313.696

■ 96, 47.057,
124.522

■ 27, 89.032,
313.609

Harmonies

Complementary

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



59, 18.225, 312.135



66, 17.852, 130.586

Rectangle

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



59, 18.225, 312.135



59, 18.225, 2.135



59, 18.225, 132.135



59, 18.225, 182.135

Sweetspot

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



59, 18.223, 312.134



83, 6.107, 311.546



61, 10.353, 263.201



43, 4.162, 311.577



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, 18.223, 312.134



72, 27.438, 312.334



60, 19.698, 326.795



32, 5.565, 311.734



23, 80.778, 313.731



1, 8.463, 309.528

Inverse Universe

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



60, 13.855, 349.031



73, 20.855, 349.484



65, 19.675, 144.679



32, 4.228, 348.156



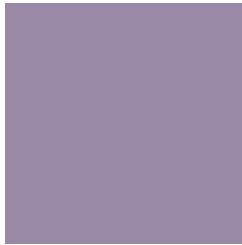
30, 55.540, 7.391



1, 6.328, 349.870

Previews

White Background



This preview shows how the CIELCh color 59, 18.225, 312.135 looks on a white background.

Color Contrast Check

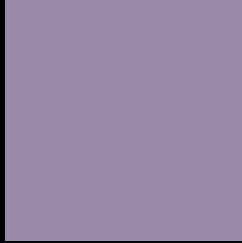
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.225, 312.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

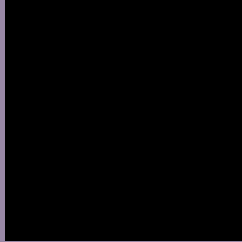
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 18.225, 312.135

Background



This preview shows how black text looks on a background with the CIELCh color 59, 18.225, 312.135.



This preview shows how white text looks on a background with the CIELCh color 59, 18.225, 312.135.

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, 18.225, 312.135

Protanopia

59, 15.929, 285.569

Deuteranopia

59, 14.956, 300.263



Tritanopia
59, 7.118, 327.376

Trichromacy



Original Color
59, 18.225, 312.135

Protanomaly
59, 16.520, 295.784

Deuteranomaly
59, 15.818, 305.299

Tritanomaly
59, 10.886, 318.192

Monochromacy



Original Color
59, 18.225, 312.135

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 6.669, 310.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 18.225, 312.135 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(153, 136, 166)` looks like.

```
.text, #text, p{  
    color:rgb(153, 136, 166)  
}
```

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(153, 136, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 136, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 18.225, 312.135 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(153, 136, 166) }
```

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

```
.border{ border-color:rgb(153, 136, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 136, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 136, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 136, 166);  
box-shadow:4px 4px 4px 4px rgb(153, 136,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 18.225, 312.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 136, 166) }
```

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

```
.background{ background-color: rgb(153,  
136, 166) }
```

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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