

Converting Colors

CIELCh(59, 14.698, 3.190)

Have a look what the booklet for
CIELCh(59, 14.698, 3.190) contains.

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Color

CIELCh(59, 14.698, 3.190)

Conversions

Conversions Part 1

Format	Color
Hex	A8858D
RGB	168, 133, 141
RGB Percent	66%, 52%, 55%
CMY	0.3411, 0.4784, 0.4470
CMYK	0.00, 0.21, 0.16, 0.34
HSL	346°, 17%, 59%
HSV	346°, 21%, 66%
XYZ	29.3488, 27.0277, 28.8737
YIQ	144.3770, 18.2920, 9.9080

Conversions

Conversions Part 2

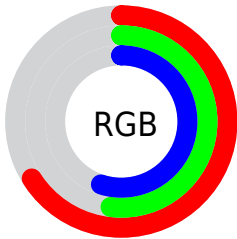
Format	Color
R _Y B	168, 133, 141
Decimal	11044237
CIE Lab	59.00, 14.68, 0.82
CIE LCh	59, 14.698, 3.190
Yxy	27.0277, 0.3443, 0.3170
Android (android.graphics.Color)	4289234317 (0xFFA8858D)
YUV	144.3770, -1.6649, 20.7174
Hunter-Lab	51.9882, 9.7888, 3.4627

Details

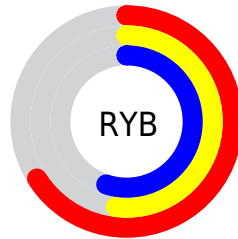
The CIELCh color $59, 14.698, 3.190$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $66, 13.623, 179.222$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 15.048, 2.163$, and $39, 14.674, 2.380$ is the 20% darker color. If you saturate the color by 10%, you get $54, 22.196, 4.512$, and if you desaturate by 10%, it is $64, 7.466, 2.064$.

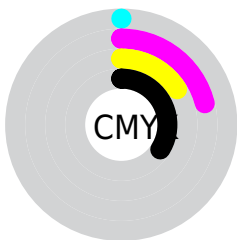
Distribution



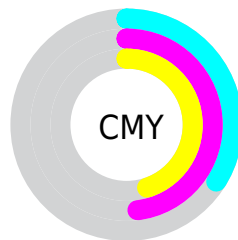
- Red (66%)
- Green (52%)
- Blue (55%)



- Red (66%)
- Yellow (52%)
- Blue (55%)



- Cyan (0%)
- Magenta (21%)
- Yellow (16%)
- Black (34%)




- Cyan (34%)
- Magenta (48%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 14.698, 3.190 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, 14.698, 3.190 by changing the saturation by 10% instead.

 59, 14.698, 3.190  59, 14.698, 3.190

 100, 14.698, 3.190  49, 14.698, 3.190

 79, 14.698, 3.190  39, 14.698, 3.190

 89, 14.698, 3.190  29, 14.698, 3.190

 99, 14.698, 3.190  19, 14.698, 3.190

 9, 14.698, 3.190

 0, 14.698, 3.190

 59, 14.698, 3.190  59, 14.698, 3.190

 54, 22.196, 4.512  64, 7.466, 2.064

 50, 29.855, 6.097  68, 0.562, 0.394

46, 37.489, 8.047

73, 5.999, 180.429

43, 44.841, 10.486

78, 12.220,
179.666

40, 51.605, 13.563

83, 18.122,
179.008

37, 57.518, 17.424

36, 62.475, 22.128

88, 23.727,
178.420

35, 66.542, 26.802

93, 29.064,
177.890

94, 28.509,
186.858

95, 27.288,
197.735

Harmonies

Complementary

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



59, 14.698, 3.190



66, 13.623, 179.222

Rectangle

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



59, 14.698, 3.190



59, 14.698, 53.190



59, 14.698, 183.190



59, 14.698, 233.190

Sweetspot

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



59, 14.696, 3.195



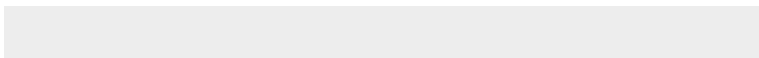
84, 5.079, 1.554



59, 22.268, 318.690



44, 3.369, 1.622



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



59, 14.696, 3.195



73, 22.123, 3.776



61, 11.785, 46.461



33, 3.892, 1.899



30, 60.300, 26.151



1, 6.860, 3.502

Inverse Universe

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



59, 14.696, 3.195



73, 22.123, 3.776



64, 10.396, 228.941



33, 3.892, 1.899



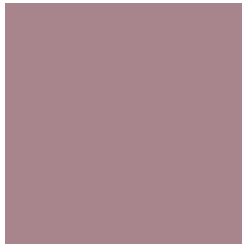
30, 60.300, 26.151



1, 6.860, 3.502

Previews

White Background



This preview shows how the CIELCh color 59, 14.698, 3.190 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 CIE LCh color 59, 14.698, 3.190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

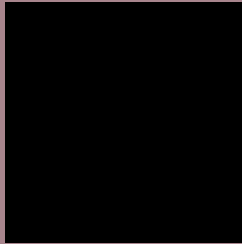
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 14.698, 3.190

Background



This preview shows how black text looks on a background with the CIELCh color 59, 14.698, 3.190.



This preview shows how white text looks on a background with the CIELCh color 59, 14.698, 3.190.

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, 14.698, 3.190

Protanopia

59, 3.080, 312.582

Deuteranopia

59, 7.651, 11.686



Tritanopia
59, 15.013, 359.048

Trichromacy



Original Color
59, 14.698, 3.190

Protanomaly
59, 6.815, 350.232

Deuteranomaly
59, 10.238, 7.758

Tritanomaly
59, 14.845, 1.096

Monochromacy



Original Color
59, 14.698, 3.190

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 5.400, 1.639

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 14.698, 3.190 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(168, 133, 141)` looks like.

```
.text, #text, p{  
    color:rgb(168, 133, 141)  
}
```

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(168, 133, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 133, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 14.698, 3.190 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(168, 133, 141) }
```

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

```
.border{ border-color:rgb(168, 133, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 133, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 133, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 133, 141);  
box-shadow:4px 4px 4px 4px rgb(168, 133,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 14.698, 3.190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 133, 141) }
```

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

```
.background{ background-color: rgb(168,  
133, 141) }
```

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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