

Converting Colors

CIELCh(59, 1.247, 19.333)

Have a look what the booklet for
CIELCh(59, 1.247, 19.333) contains.

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Color

CIELCh(59, 1.174, 19.159)

Conversions

Conversions Part 1

Format	Color
Hex	908D8D
RGB	144, 141, 141
RGB Percent	56%, 55%, 55%
CMY	0.4341, 0.4459, 0.4459
CMYK	0.00, 0.02, 0.02, 0.43
HSL	0°, 1%, 56%
HSV	0°, 2%, 57%
XYZ	25.9543, 27.0277, 29.1663
YIQ	141.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

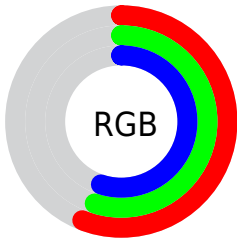
Format	Color
RYB	144, 141, 141
Decimal	9473421
CIELab	59.00, 1.11, 0.39
CIELCh	59, 1.174, 19.159
Yxy	27.0277, 0.3159, 0.3290
Android (android.graphics.Color)	4287663501 (0xFF908D8D)
YUV	141.8970, -0.4422, 1.8443
Hunter-Lab	51.9882, -1.8659, 3.1290

Details

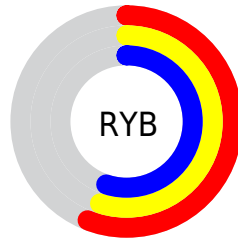
The CIELCh color $59, 1.174, 19.159$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 1.157, 199.740$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 1.105, 19.002$, and $39, 1.271, 19.332$ is the 20% darker color. If you saturate the color by 10%, you get $55, 7.077, 20.181$, and if you desaturate by 10%, it is $63, 4.297, 199.192$.

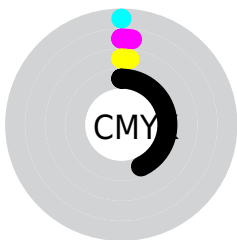
Distribution



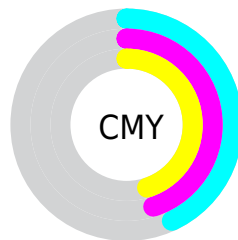
- Red (56%)
- Green (55%)
- Blue (55%)



- Red (56%)
- Yellow (55%)
- Blue (55%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (43%)



- Cyan (43%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 1.174, 19.159 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, 1.174, 19.159 by changing the saturation by 10% instead.

■ 59, 1.174, 19.159

■ 59, 1.174, 19.159

■ 100, 1.174, 19.159

■ 49, 1.174, 19.159

■ 79, 1.174, 19.159

■ 39, 1.174, 19.159

■ 89, 1.174, 19.159

■ 29, 1.174, 19.159

■ 99, 1.174, 19.159

■ 19, 1.174, 19.159

■ 9, 1.174, 19.159

■ 0, 1.174, 19.159

■ 59, 1.174, 19.159

■ 59, 1.174, 19.159

■ 55, 7.077, 20.181

■ 63, 4.297, 199.192

■ 50, 13.438, 21.037

■ 68, 9.369, 198.734

46, 20.257, 22.116

72, 14.085,
198.394

43, 27.494, 23.510

77, 18.485,
198.123

39, 35.051, 25.317

36, 42.765, 27.636

81, 22.607,
197.904

33, 50.399, 30.529

85, 26.485,
197.723

31, 57.621, 33.902

30, 63.809, 37.269

90, 30.151,
197.573

94, 33.249,
197.374

Harmonies

Complementary

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



59, 1.174, 19.159



60, 1.157, 199.740

Rectangle

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



59, 1.174, 19.159



59, 1.174, 69.159



59, 1.174, 199.159



59, 1.174, 249.159

Sweetspot

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



59, 1.173, 19.229



76, 0.700, 18.784



59, 2.077, 324.455



40, 0.397, 18.728



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



59, 1.173, 19.229



75, 1.404, 19.220



59, 1.019, 74.893



30, 0.631, 19.165



27, 64.119, 38.814



0, 2.119, 19.476

Inverse Universe

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



60, 1.157, 199.740



76, 1.385, 199.749



59, 1.026, 255.945



30, 0.623, 199.803



51, 31.230, 196.515



2, 2.119, 199.493

Previews

White Background



This preview shows how the CIELCh color 59, 1.174, 19.159 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, 1.174, 19.159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

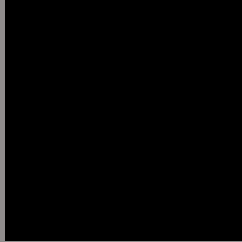
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

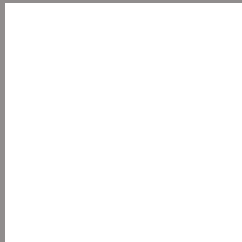
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 1.174, 19.159

Background



This preview shows how black text looks on a background with the CIELCh color 59, 1.174, 19.159.

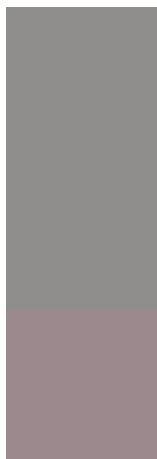


This preview shows how white text looks on a background with the CIELCh color 59, 1.174, 19.159.

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, 1.174, 19.159

Protanopia

59, 1.174, 19.159

Deuteranopia

59, 7.666, 358.564



Tritanopia
59, 6.677, 310.927

Trichromacy



Original Color

59, 1.174, 19.159

Protanomaly

59, 1.174, 19.159

Deuteranomaly

59, 5.031, 0.169

Tritanomaly

59, 4.440, 316.344

Monochromacy



Original Color

59, 1.174, 19.159

Achromatopsia

59, 0.008, 296.813

Achromatomaly

59, 0.391, 18.347

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 1.174, 19.159 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(144, 141, 141)` looks like.

```
.text, #text, p{  
    color:rgb(144, 141, 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(144, 141, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 141, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 1.174, 19.159 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(144, 141, 141) }
```

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

```
.border{ border-color:rgb(144, 141, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 141, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 141, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 141, 141);  
box-shadow:4px 4px 4px 4px rgb(144, 141,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 1.174, 19.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 141, 141) }
```

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

```
.background{ background-color: rgb(144,  
141, 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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