

Converting Colors

CIELCh(59, 2.776, 183.195)

Have a look what the booklet for
CIELCh(59, 2.776, 183.195) contains.

CIELCh(59, 2.392, 185.647)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(59, 2.392, 185.647)

Conversions

Conversions Part 1

Format	Color
Hex	898F8E
RGB	137, 143, 142
RGB Percent	54%, 56%, 56%
CMY	0.4617, 0.4381, 0.4421
CMYK	0.04, 0.00, 0.01, 0.44
HSL	170°, 3%, 55%
HSV	170°, 4%, 56%
XYZ	25.1258, 27.0277, 29.5896
YIQ	141.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

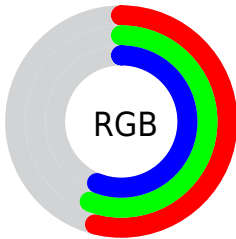
Format	Color
R_{YB}	137, 140, 143
Decimal	9015182
CIE _{Lab}	59.00, -2.38, -0.24
CIE _{LCh}	59, 2.392, 185.647
Yxy	27.0277, 0.3074, 0.3306
Android (android.graphics.Color)	4287205262 (0xFF898F8E)
YUV	141.0920, 0.4476, -3.5887
Hunter-Lab	51.9882, -4.7108, 2.6463

Details

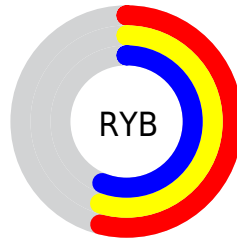
The CIELCh color $59, 2.392, 185.647$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 2.439, 5.991$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 2.610, 187.609$, and $39, 2.577, 185.430$ is the 20% darker color. If you saturate the color by 10%, you get $58, 7.992, 184.655$, and if you desaturate by 10%, it is $60, 3.357, 6.148$.

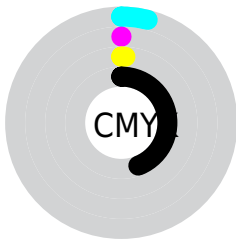
Distribution



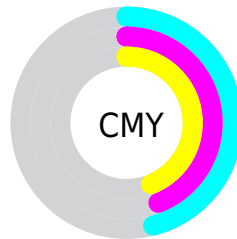
- Red (54%)
- Green (56%)
- Blue (56%)



- Red (54%)
- Yellow (55%)
- Blue (56%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (44%)



- Cyan (46%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 2.392, 185.647 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, 2.392, 185.647 by changing the saturation by 10% instead.

■ 59, 2.392, 185.647

■ 59, 2.392, 185.647

■ 100, 2.392,
185.647

■ 49, 2.392, 185.647

■ 79, 2.392, 185.647

■ 39, 2.392, 185.647

■ 89, 2.392, 185.647

■ 29, 2.392, 185.647

■ 99, 2.392, 185.647

■ 19, 2.392, 185.647

■ 9, 2.392, 185.647

■ 0, 2.392, 185.647

■ 59, 2.392, 185.647

■ 59, 2.392, 185.647

■ 58, 7.992, 184.655

■ 60, 3.357, 6.148

■ 57, 13.362,

■ 62, 9.193, 7.019

183.753

63, 15.062, 7.807

56, 18.418,
182.820

65, 20.922, 8.564

55, 23.069,
181.838

66, 26.740, 9.297

55, 27.225,
180.791

68, 32.495, 10.009

54, 30.810,
179.660

70, 38.169, 10.701

54, 33.770,
178.425

72, 43.752, 11.372

53, 36.086,
177.065

53, 37.789,
175.566

Harmonies

Complementary

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



59, 2.392, 185.647



58, 2.439, 5.991

Rectangle

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



59, 2.392, 185.647



59, 2.392, 235.647



59, 2.392, 5.647



59, 2.392, 55.647

Sweetspot

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



59, 2.393, 185.621



75, 0.707, 186.410



59, 3.917, 139.166



40, 0.405, 186.463



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, 2.393, 185.621



75, 3.531, 185.514



59, 1.900, 234.142



30, 1.926, 185.471



50, 37.011, 174.787



2, 2.189, 185.811

Inverse Universe

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



58, 2.439, 5.991



73, 3.611, 6.102



58, 1.934, 53.131



29, 1.973, 6.147



27, 58.439, 30.337



0, 2.190, 5.796

Previews

White Background



This preview shows how the CIELCh color 59, 2.392, 185.647 looks on a white background.

Color Contrast Check

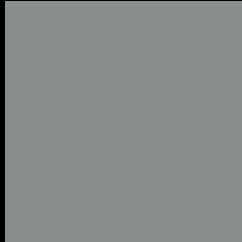
Large Text (above 18pt) WCAG AA ✓ Pass

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, 2.392, 185.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

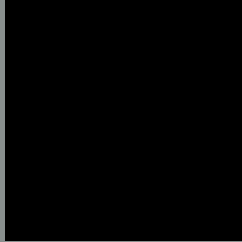
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

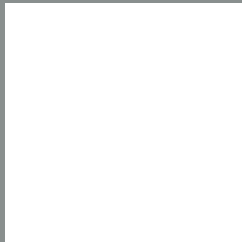
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 2.392, 185.647

Background



This preview shows how black text looks on a background with the CIELCh color 59, 2.392, 185.647.



This preview shows how white text looks on a background with the CIELCh color 59, 2.392, 185.647.

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

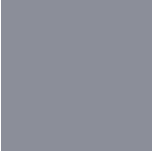
59, 2.392, 185.647

Protanopia

59, 1.174, 19.159

Deuteranopia

59, 7.880, 354.726



Tritanopia
59, 6.314, 280.627

Trichromacy



Original Color

59, 2.392, 185.647

Protanomaly

59, 0.558, 110.024

Deuteranomaly

59, 4.544, 349.921

Tritanomaly

59, 4.224, 269.609

Monochromacy



Original Color

59, 2.392, 185.647

Achromatopsia

59, 0.008, 296.813

Achromatomaly

59, 0.963, 163.867

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 2.392, 185.647 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(137, 143, 142)` looks like.

```
.text, #text, p{  
    color:rgb(137, 143, 142)  
}
```

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(137, 143, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 143, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 2.392, 185.647 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(137, 143, 142) }
```

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

```
.border{ border-color:rgb(137, 143, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 143, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 143, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 143, 142); box-shadow:4px 4px 4px 4px rgb(137, 143, 142) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 2.392, 185.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 143, 142) }
```

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

```
.background{ background-color: rgb(137,  
143, 142) }
```

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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