

Converting Colors

CIE LCh(58, 3.736, 2.019)

Have a look what the booklet for
CIELCh(58, 3.736, 2.019) contains.

CIELCh(58, 3.736, 2.019)	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(58, 3.736, 2.019)

Conversions

Conversions Part 1

Format	Color
Hex	92898B
RGB	146, 137, 139
RGB Percent	57%, 54%, 55%
CMY	0.4265, 0.4618, 0.4540
CMYK	0.00, 0.06, 0.05, 0.43
HSL	347°, 4%, 56%
HSV	347°, 6%, 57%
XYZ	25.5518, 25.9610, 28.1797
YIQ	139.9190, 4.7220, 2.5300

Conversions

Conversions Part 2

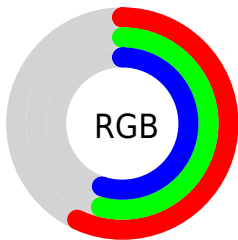
Format	Color
R _Y B	146, 137, 139
Decimal	9603467
CIE Lab	58.00, 3.73, 0.13
CIE LCh	58, 3.736, 2.019
Yxy	25.9610, 0.3206, 0.3258
Android (android.graphics.Color)	4287793547 (0xFF92898B)
YUV	139.9190, -0.4531, 5.3330
Hunter-Lab	50.9519, 0.3499, 2.8751

Details

The CIELCh color $58, 3.736, 2.019$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 3.650, 181.162$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 3.873, 3.571$, and $38, 4.054, 2.320$ is the 20% darker color. If you saturate the color by 10%, you get $54, 10.041, 3.111$, and if you desaturate by 10%, it is $62, 2.270, 181.447$.

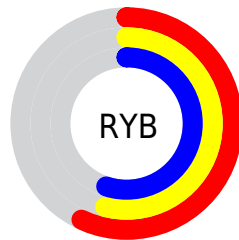
Distribution



Red (57%)

Green (54%)

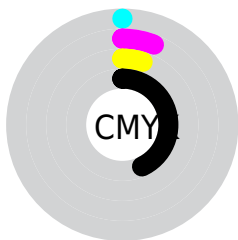
Blue (55%)



Red (57%)

Yellow (54%)

Blue (55%)

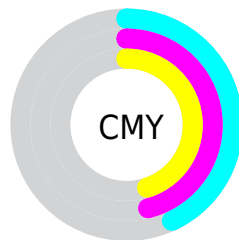


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (43%)



Cyan (43%)

Magenta (46%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 3.736, 2.019 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 58, 3.736, 2.019 by changing the saturation by 10% instead.

■ 58, 3.736, 2.019

■ 58, 3.736, 2.019

■ 100, 3.736, 2.019

■ 48, 3.736, 2.019

■ 78, 3.736, 2.019

■ 38, 3.736, 2.019

■ 88, 3.736, 2.019

■ 28, 3.736, 2.019

■ 98, 3.736, 2.019

■ 18, 3.736, 2.019

■ 8, 3.736, 2.019

■ 0, 3.736, 2.019

■ 58, 3.736, 2.019

■ 58, 3.736, 2.019

■ 54, 10.041, 3.111

■ 62, 2.270, 181.447

■ 50, 16.620, 4.312

■ 67, 7.967, 180.557

46, 23.402, 5.738

71, 13.370,
179.860

42, 30.261, 7.471

75, 18.498,
179.246

39, 37.008, 9.619

36, 43.394, 12.314

80, 23.374,
178.694

33, 49.159, 15.704

84, 28.021,
178.194

31, 54.123, 19.902

30, 58.345, 24.811

89, 32.462,
177.737

93, 36.720,
177.317

93, 34.623,
185.680

Harmonies

Complementary

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



58, 3.736, 2.019



60, 3.650, 181.162

Rectangle

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



58, 3.736, 2.019



58, 3.736, 52.019



58, 3.736, 182.019



58, 3.736, 232.019

Sweetspot

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



58, 3.734, 2.035



76, 1.498, 1.444



58, 5.802, 318.034



40, 0.858, 1.411



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



58, 3.734, 2.035



74, 5.300, 2.144



59, 2.935, 47.003



29, 2.776, 2.168



28, 57.294, 26.277



1, 2.984, 1.585

Inverse Universe

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



58, 3.734, 2.035



74, 5.300, 2.144



59, 2.841, 227.934



29, 2.776, 2.168



28, 57.294, 26.277



1, 2.984, 1.585

Previews

White Background



This preview shows how the CIELCh color 58, 3.736, 2.019 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 58, 3.736, 2.019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

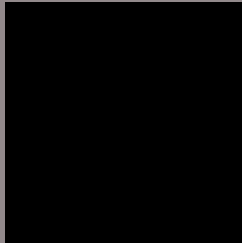
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

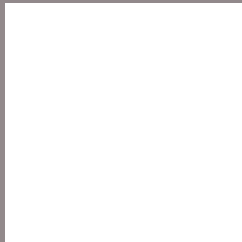
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 3.736, 2.019

Background



This preview shows how black text looks on a background with the CIELCh color 58, 3.736, 2.019.



This preview shows how white text looks on a background with the CIELCh color 58, 3.736, 2.019.

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

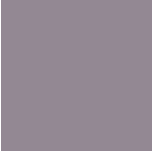
58, 3.736, 2.019

Protanopia

58, 1.313, 353.602

Deuteranopia

58, 7.687, 358.579



Tritanopia
58, 7.604, 324.813

Trichromacy



Original Color

58, 3.736, 2.019

Protanomaly

58, 2.627, 353.922

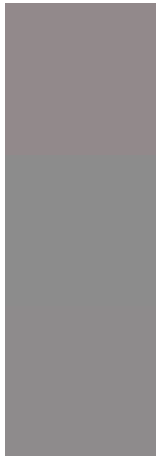
Deuteranomaly

58, 6.364, 359.176

Tritanomaly

58, 6.282, 333.646

Monochromacy



Original Color

58, 3.736, 2.019

Achromatopsia

58, 0.007, 296.813

Achromatomaly

58, 1.313, 353.602

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 3.736, 2.019 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(146, 137, 139)` looks like.

```
.text, #text, p{  
    color:rgb(146, 137, 139)  
}
```

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(146, 137, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 137, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 3.736, 2.019 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(146, 137, 139) }
```

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

```
.border{ border-color:rgb(146, 137, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 137, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 137, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 137, 139);  
box-shadow:4px 4px 4px 4px rgb(146, 137,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 3.736, 2.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 137, 139) }
```

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

```
.background{ background-color: rgb(146,  
137, 139) }
```

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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