

Converting Colors

CIELCh(59, 3.438, 219.117)

Have a look what the booklet for
CIELCh(59, 3.438, 219.117) contains.

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Color

CIELCh(59, 3.587, 217.645)

Conversions

Conversions Part 1

Format	Color
Hex	879092
RGB	135, 144, 146
RGB Percent	53%, 56%, 57%
CMY	0.4719, 0.4366, 0.4288
CMYK	0.08, 0.01, 0.00, 0.43
HSL	191°, 5%, 55%
HSV	191°, 8%, 57%
XYZ	25.0179, 27.0277, 30.9499
YIQ	141.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

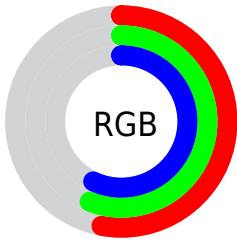
Format	Color
R_{YB}	135, 140, 146
Decimal	8884370
CIE _{Lab}	59.00, -2.84, -2.19
CIE _{LCh}	59, 3.587, 217.645
Yxy	27.0277, 0.3014, 0.3257
Android (android.graphics.Color)	4287074450 (0xFF879092)
YUV	141.5370, 2.2003, -5.7329
Hunter-Lab	51.9882, -5.0812, 1.0949

Details

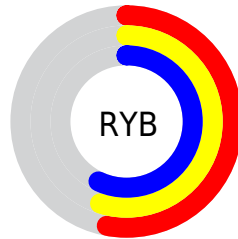
The CIELCh color $59, 3.587, 217.645$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 3.754, 37.171$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 3.740, 215.894$, and $39, 3.834, 217.692$ is the 20% darker color. If you saturate the color by 10%, you get $57, 8.122, 217.843$, and if you desaturate by 10%, it is $61, 1.189, 36.968$.

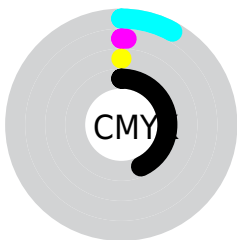
Distribution



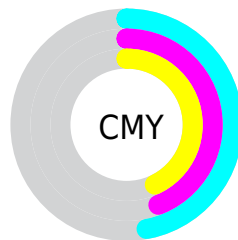
- Red (53%)
- Green (56%)
- Blue (57%)



- Red (53%)
- Yellow (55%)
- Blue (57%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (43%)



- Cyan (47%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 3.587, 217.645 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, 3.587, 217.645 by changing the saturation by 10% instead.

■ 59, 3.587, 217.645

■ 59, 3.587, 217.645

■ 100, 3.587,
217.645

■ 49, 3.587, 217.645

■ 79, 3.587, 217.645

■ 39, 3.587, 217.645

■ 89, 3.587, 217.645

■ 29, 3.587, 217.645

■ 99, 3.587, 217.645

■ 19, 3.587, 217.645

■ 9, 3.587, 217.645

■ 0, 3.587, 217.645

■ 59, 3.587, 217.645

■ 59, 3.587, 217.645

■ 57, 8.122, 217.843

■ 61, 1.189, 36.968

■ 55, 12.352,

■ 63, 6.150, 37.188

218.270

65, 11.250, 37.219

54, 16.207,
218.903

67, 16.449, 37.286

52, 19.618,
219.784

69, 21.714, 37.390

51, 22.519,
220.972

71, 27.021, 37.522

50, 24.860,
222.531

73, 32.347, 37.675

48, 26.617,
224.534

76, 37.678, 37.842

47, 27.807,
227.051

46, 28.551,
230.062

Harmonies

Complementary

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



59, 3.587, 217.645



58, 3.754, 37.171

Rectangle

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



59, 3.587, 217.645



59, 3.587, 267.645



59, 3.587, 37.645



59, 3.587, 87.645

Sweetspot

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



59, 3.587, 217.621



76, 1.190, 217.834



59, 6.764, 148.967



40, 0.675, 217.862



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, 3.587, 217.621



74, 5.262, 217.638



58, 4.379, 272.110



30, 2.707, 217.638



44, 27.572, 230.610



2, 2.423, 217.381

Inverse Universe

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



57, 6.712, 330.306



72, 9.895, 330.411



59, 4.374, 90.176



29, 5.092, 330.413



31, 63.659, 336.808



1, 4.426, 329.891

Previews

White Background



This preview shows how the CIELCh color 59, 3.587, 217.645 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, 3.587, 217.645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

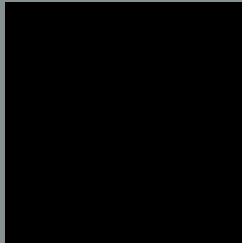
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

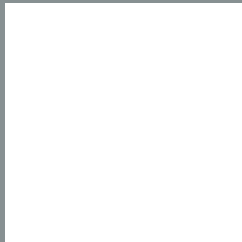
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 3.587, 217.645

Background



This preview shows how black text looks on a background with the CIELCh color 59, 3.587, 217.645.



This preview shows how white text looks on a background with the CIELCh color 59, 3.587, 217.645.

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, 3.587, 217.645

Protanopia

59, 2.078, 324.455

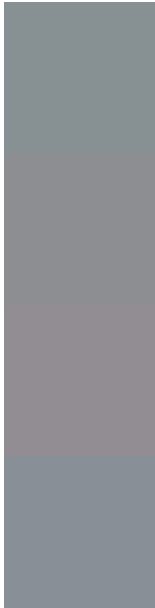
Deuteranopia

59, 7.781, 339.317



Tritanopia
59, 7.115, 272.666

Trichromacy



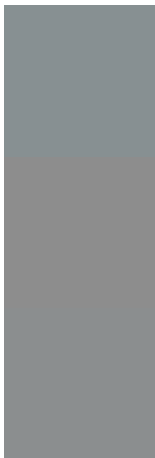
Original Color
59, 3.587, 217.645

Protanomaly
59, 1.742, 277.630

Deuteranomaly
59, 4.624, 320.667

Tritanomaly
59, 5.193, 260.281

Monochromacy



Original Color
59, 3.587, 217.645

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 1.284, 225.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 3.587, 217.645 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(135, 144, 146)` looks like.

```
.text, #text, p{  
    color:rgb(135, 144, 146)  
}
```

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(135, 144, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 144, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 3.587, 217.645 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(135, 144, 146) }
```

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

```
.border{ border-color:rgb(135, 144, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 144, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 144, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 144, 146);  
box-shadow:4px 4px 4px 4px rgb(135, 144,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 3.587, 217.645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 144, 146) }
```

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

```
.background{ background-color: rgb(135,  
144, 146) }
```

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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