

Converting Colors

CIELCh(59, 2.967, 296.797)

Have a look what the booklet for
CIELCh(59, 2.967, 296.797) contains.

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Color

CIELCh(59, 3.434, 296.994)

Conversions

Conversions Part 1

Format	Color
Hex	8E8D93
RGB	142, 141, 147
RGB Percent	56%, 55%, 58%
CMY	0.4420, 0.4459, 0.4224
CMYK	0.03, 0.04, 0.00, 0.42
HSL	250°, 3%, 57%
HSV	250°, 4%, 58%
XYZ	26.0624, 27.0277, 31.5676
YIQ	141.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

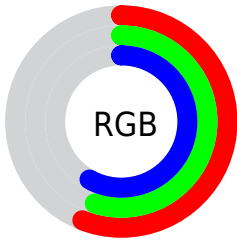
Format	Color
RYB	142, 141, 147
Decimal	9342355
CIELab	59.00, 1.56, -3.06
CIELCh	59, 3.434, 296.994
Yxy	27.0277, 0.3079, 0.3193
Android (android.graphics.Color)	4287532435 (0xFF8E8D93)
YUV	141.9830, 2.4734, 0.0149
Hunter-Lab	51.9882, -1.4948, 0.3905

Details

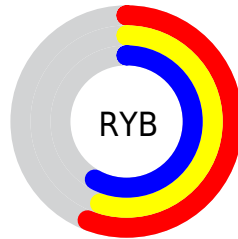
The CIELCh color $59, 3.434, 296.994$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 3.390, 116.410$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 3.237, 296.920$, and $39, 3.101, 298.325$ is the 20% darker color. If you saturate the color by 10%, you get $54, 12.067, 297.767$, and if you desaturate by 10%, it is $64, 4.883, 116.302$.

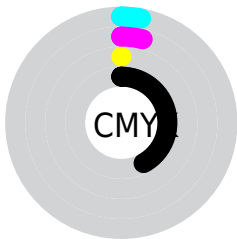
Distribution



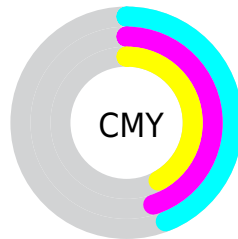
- Red (56%)
- Green (55%)
- Blue (58%)



- Red (56%)
- Yellow (55%)
- Blue (58%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (42%)



- Cyan (44%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 3.434, 296.994 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, 3.434, 296.994 by changing the saturation by 10% instead.

■ 59, 3.434, 296.994

■ 59, 3.434, 296.994

■ 100, 3.434,
296.994

■ 49, 3.434, 296.994

■ 79, 3.434, 296.994

■ 39, 3.434, 296.994

■ 89, 3.434, 296.994

■ 29, 3.434, 296.994

■ 99, 3.434, 296.994

■ 19, 3.434, 296.994

■ 9, 3.434, 296.994

■ 0, 3.434, 296.994

■ 59, 3.434, 296.994

■ 59, 3.434, 296.994

■ 54, 12.067,
297.767

■ 64, 4.883, 116.302

■ 69, 12.899,

49, 21.036,
298.674

115.718

44, 30.347,
299.712

74, 20.636,
115.214

39, 39.985,
300.884

79, 28.110,
114.780

34, 49.881,
302.174

84, 35.340,
114.406

29, 59.851,
303.537

89, 42.341,
114.083

25, 69.491,
304.869

93, 49.128,
113.804

21, 78.057,
305.999

97, 53.714,
112.207

18, 84.485,
306.704

98, 53.390,
107.030

Harmonies

Complementary

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



59, 3.434, 296.994



61, 3.390, 116.410

Rectangle

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



59, 3.434, 296.994



59, 3.434, 346.994



59, 3.434, 116.994



59, 3.434, 166.994

Sweetspot

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



59, 3.432, 296.981



77, 1.044, 296.764



60, 2.011, 214.074



41, 0.598, 296.760



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



59, 3.432, 296.981



74, 5.221, 297.057



59, 3.738, 314.257



30, 2.872, 297.088



16, 83.498, 307.144



0, 4.147, 296.691

Inverse Universe

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



59, 3.688, 329.554



75, 5.604, 329.627



61, 3.712, 134.003



30, 3.081, 329.656



31, 64.384, 335.954



1, 4.474, 329.377

Previews

White Background



This preview shows how the CIELCh color 59, 3.434, 296.994 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, 3.434, 296.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

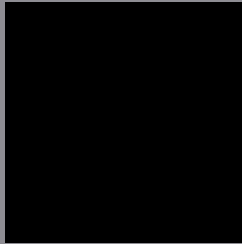
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

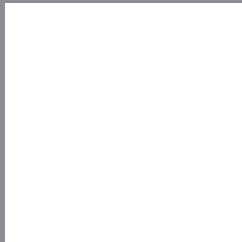
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 3.434, 296.994

Background



This preview shows how black text looks on a background with the CIELCh color 59, 3.434, 296.994.



This preview shows how white text looks on a background with the CIELCh color 59, 3.434, 296.994.

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, 3.434, 296.994

Protanopia

59, 3.502, 303.249

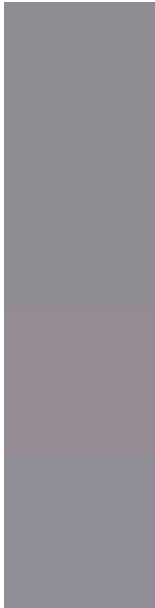
Deuteranopia

59, 8.158, 336.306



Tritanopia
59, 6.296, 297.803

Trichromacy



Original Color

59, 3.434, 296.994

Protanomaly

59, 3.502, 303.249

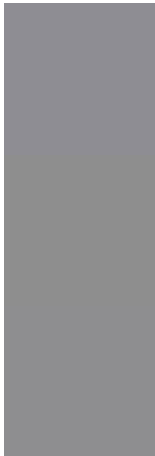
Deuteranomaly

59, 6.436, 327.613

Tritanomaly

59, 5.174, 299.234

Monochromacy



Original Color

59, 3.434, 296.994

Achromatopsia

59, 0.008, 296.813

Achromatomaly

59, 1.139, 290.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 3.434, 296.994 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(142, 141, 147)` looks like.

```
.text, #text, p{  
    color:rgb(142, 141, 147)  
}
```

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(142, 141, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 141, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 3.434, 296.994 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(142, 141, 147) }
```

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

```
.border{ border-color:rgb(142, 141, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 141, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 141, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 141, 147);  
box-shadow:4px 4px 4px 4px rgb(142, 141,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 3.434, 296.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 141, 147) }
```

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

```
.background{ background-color: rgb(142,  
141, 147) }
```

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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