

Converting Colors

CIELCh(59, 4.372, 328.830)

Have a look what the booklet for
CIELCh(59, 4.372, 328.830) contains.

CIELCh(59, 4.378, 328.832)	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, 4.378, 328.832)

Conversions

Conversions Part 1

Format	Color
Hex	938C92
RGB	147, 140, 146
RGB Percent	58%, 55%, 57%
CMY	0.4236, 0.4510, 0.4275
CMYK	0.00, 0.05, 0.01, 0.42
HSL	309°, 3%, 56%
HSV	309°, 5%, 58%
XYZ	26.5925, 27.0277, 31.0029
YIQ	142.7770, 2.2460, 3.3500

Conversions

Conversions Part 2

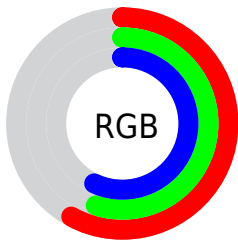
Format	Color
RYB	147, 140, 146
Decimal	9669778
CIELab	59.00, 3.75, -2.27
CIELCh	59, 4.378, 328.832
Yxy	27.0277, 0.3142, 0.3194
Android (android.graphics.Color)	4287859858 (0xFF938C92)
YUV	142.7770, 1.5889, 3.7036
Hunter-Lab	51.9882, 0.3251, 1.0345

Details

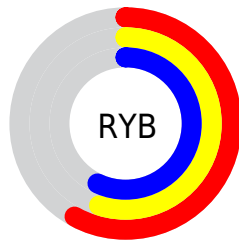
The CIELCh color $59, 4.378, 328.832$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 4.361, 148.387$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 4.129, 328.745$, and $39, 4.472, 324.726$ is the 20% darker color. If you saturate the color by 10%, you get $55, 13.646, 329.454$, and if you desaturate by 10%, it is $63, 4.756, 148.370$.

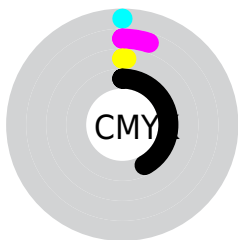
Distribution



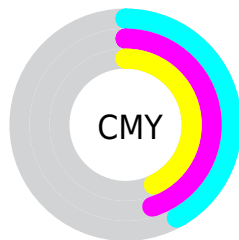
- Red (58%)
- Green (55%)
- Blue (57%)



- Red (58%)
- Yellow (55%)
- Blue (57%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (42%)



- Cyan (42%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 4.378, 328.832 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, 4.378, 328.832 by changing the saturation by 10% instead.

■ 59, 4.378, 328.832

■ 59, 4.378, 328.832

■ 100, 4.378,
328.832

■ 49, 4.378, 328.832

■ 79, 4.378, 328.832

■ 39, 4.378, 328.832

■ 89, 4.378, 328.832

■ 29, 4.378, 328.832

■ 99, 4.378, 328.832

■ 19, 4.378, 328.832

■ 9, 4.378, 328.832

■ 0, 4.378, 328.832

■ 59, 4.378, 328.832

■ 59, 4.378, 328.832

■ 55, 13.646,
329.454

■ 63, 4.756, 148.370

■ 67, 13.684,

51, 22.944,
330.058

147.793

48, 32.109,
330.668

71, 22.372,
147.265

44, 40.908,
331.280

76, 30.805,
146.766

41, 49.037,
331.891

80, 38.980,
146.293

38, 56.132,
332.500

84, 46.902,
145.847

36, 61.813,
333.111

88, 54.582,
145.427

35, 65.768,
333.736

92, 60.597,
145.204

34, 67.883,
334.392

92, 59.753,
145.808

Harmonies

Complementary

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



59, 4.378, 328.832



60, 4.361, 148.387

Rectangle

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



59, 4.378, 328.832



59, 4.378, 18.832



59, 4.378, 148.832



59, 4.378, 198.832

Sweetspot

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



59, 4.376, 328.834



77, 1.142, 328.424



59, 3.999, 295.772



41, 0.655, 328.404



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, 4.376, 328.834



74, 6.841, 328.924



59, 3.115, 351.812



30, 3.657, 328.945



31, 65.526, 334.696



1, 4.549, 328.610

Inverse Universe

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



59, 4.376, 328.834



74, 6.841, 328.924



60, 3.076, 171.214



30, 3.657, 328.945



31, 65.526, 334.696



1, 4.549, 328.610

Previews

White Background



This preview shows how the CIELCh color 59, 4.378, 328.832 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, 4.378, 328.832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

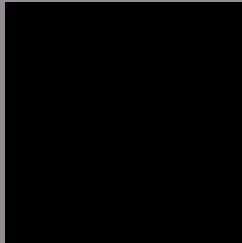
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 4.378, 328.832

Background



This preview shows how black text looks on a background with the CIELCh color 59, 4.378, 328.832.



This preview shows how white text looks on a background with the CIELCh color 59, 4.378, 328.832.

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, 4.378, 328.832

Protanopia

59, 3.502, 303.249

Deuteranopia

59, 7.744, 344.459



Tritanopia
59, 7.170, 319.647

Trichromacy



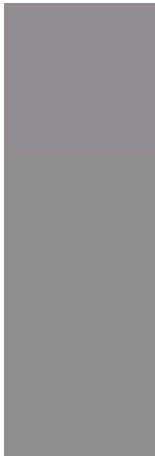
Original Color
59, 4.378, 328.832

Protanomaly
59, 3.611, 309.216

Deuteranomaly
59, 6.156, 339.962

Tritanomaly
59, 6.683, 322.002

Monochromacy



Original Color
59, 4.378, 328.832

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 1.387, 324.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 4.378, 328.832 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(147, 140, 146)` looks like.

```
.text, #text, p{  
    color:rgb(147, 140, 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(147, 140, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 140, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 4.378, 328.832 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(147, 140, 146) }
```

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

```
.border{ border-color:rgb(147, 140, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 140, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 140, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 140, 146);  
box-shadow:4px 4px 4px 4px rgb(147, 140,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 4.378, 328.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 140, 146) }
```

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

```
.background{ background-color: rgb(147,  
140, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor