

Converting Colors

CIELCh(59, 17.943, 284.130)

Have a look what the booklet for
CIELCh(59, 17.943, 284.130)
contains.

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Color

CIELCh(59, 17.679, 284.182)

Conversions

Conversions Part 1

Format	Color
Hex	868DAC
RGB	134, 141, 172
RGB Percent	53%, 55%, 67%
CMY	0.4752, 0.4477, 0.3262
CMYK	0.22, 0.18, 0.00, 0.33
HSL	229°, 19%, 60%
HSV	229°, 22%, 67%
XYZ	26.7355, 27.0277, 42.7507
YIQ	142.4410, -14.1230, 8.1570

Conversions

Conversions Part 2

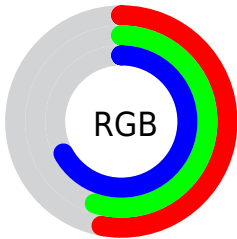
Format	Color
RYB	134, 140, 172
Decimal	8818092
CIELab	59.00, 4.33, -17.14
CIElCh	59, 17.679, 284.182
Yxy	27.0277, 0.2770, 0.2800
Android (android.graphics.Color)	4287008172 (0xFF868DAC)
YUV	142.4410, 14.5726, -7.4028
Hunter-Lab	51.9882, 0.8163, -12.3633

Details

The CIELCh color $59, 17.679, 284.182$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $68, 17.209, 98.844$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 17.202, 283.776$, and $39, 17.859, 284.723$ is the 20% darker color. If you saturate the color by 10%, you get $54, 26.078, 285.818$, and if you desaturate by 10%, it is $64, 9.540, 282.781$.

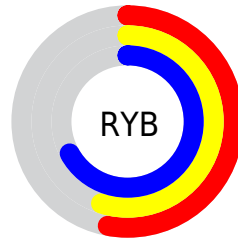
Distribution



Red (53%)

Green (55%)

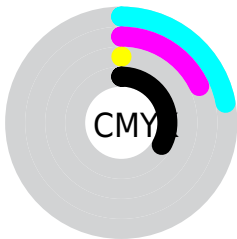
Blue (67%)



Red (53%)

Yellow (55%)

Blue (67%)

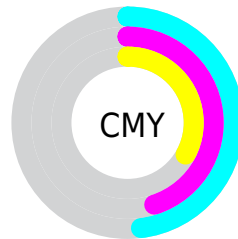


Cyan (22%)

Magenta (18%)

Yellow (0%)

Black (33%)



Cyan (48%)

Magenta (45%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 17.679, 284.182 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, 17.679, 284.182 by changing the saturation by 10% instead.

■ 59, 17.679,
284.182

■ 59, 17.679,
284.182

■ 100, 17.679,
284.182

■ 49, 17.679,
284.182

■ 79, 17.679,
284.182

■ 39, 17.679,
284.182

■ 89, 17.679,
284.182

■ 29, 17.679,
284.182

■ 99, 17.679,
284.182

■ 19, 17.679,
284.182

■ 9, 17.679, 284.182

■ 0, 17.679, 284.182

■ 59, 17.679,
284.182

■ 59, 17.679,
284.182

■ 54, 26.078,
285.818

■ 64, 9.540, 282.781

■ 49, 34.767,
287.728

■ 69, 1.645, 281.643

■ 74, 6.024, 100.502

■ 44, 43.767,
289.935

■ 79, 13.480, 99.616

■ 39, 53.088,
292.442

■ 84, 20.734, 98.837

■ 89, 27.796, 98.154

■ 34, 62.678,
295.202

■ 94, 34.674, 97.552

■ 30, 72.339,
298.093

■ 98, 40.714,
105.936

■ 26, 81.592,
300.900

■ 98, 41.644,
106.998

■ 24, 88.119,

Harmonies

Complementary

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



59, 17.679, 284.182



68, 17.209, 98.844

Rectangle

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



59, 17.679, 284.182



59, 17.679, 334.182



59, 17.679, 104.182



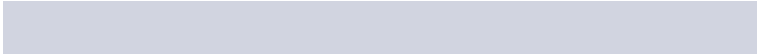
59, 17.679, 154.182

Sweetspot

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



59, 17.678, 284.180



85, 6.805, 282.168



67, 14.463, 181.287



44, 4.419, 282.234



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



59, 17.678, 284.180



72, 27.046, 285.029



58, 22.103, 303.207



34, 4.475, 282.429



20, 79.192, 302.530



1, 9.697, 283.233

Inverse Universe

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



60, 15.737, 6.673



73, 24.186, 7.368



69, 21.187, 120.543



34, 3.926, 5.235



31, 62.807, 29.662



2, 8.008, 7.109

Previews

White Background



This preview shows how the CIELCh color 59, 17.679, 284.182 looks on a white background.

Color Contrast Check

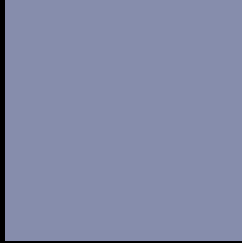
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 59, 17.679, 284.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

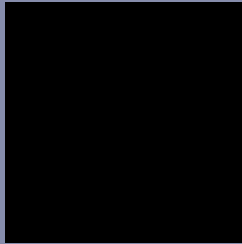
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

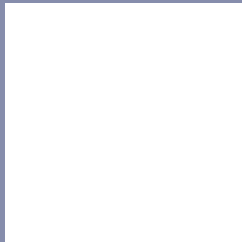
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 17.679, 284.182

Background



This preview shows how black text looks on a background with the CIELCh color 59, 17.679, 284.182.



This preview shows how white text looks on a background with the CIELCh color 59, 17.679, 284.182.

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, 17.679, 284.182

Protanopia

59, 17.643, 285.298

Deuteranopia

59, 18.743, 293.372



Tritanopia
59, 7.757, 252.799

Trichromacy



Original Color
59, 17.679, 284.182

Protanomaly
59, 17.643, 285.298

Deuteranomaly
59, 18.147, 289.994

Tritanomaly
59, 10.847, 269.800

Monochromacy



Original Color
59, 17.679, 284.182

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 6.314, 280.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 17.679, 284.182 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(134, 141, 172)` looks like.

```
.text, #text, p{  
    color:rgb(134, 141, 172)  
}
```

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(134, 141, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 141, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 17.679, 284.182 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(134, 141, 172) }
```

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

```
.border{ border-color:rgb(134, 141, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 141, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 141, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 141, 172);  
box-shadow:4px 4px 4px 4px rgb(134, 141,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 17.679, 284.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 141, 172) }
```

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

```
.background{ background-color: rgb(134,  
141, 172) }
```

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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