

Converting Colors

CIELCh(59, 32.867, 168.717)

Have a look what the booklet for
CIELCh(59, 32.867, 168.717)
contains.

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Color

CIELCh(59, 32.867, 168.717)

Conversions

Conversions Part 1

Format	Color
Hex	499D82
RGB	73, 157, 130
RGB Percent	29%, 62%, 51%
CMY	0.7149, 0.3854, 0.4913
CMYK	0.54, 0.00, 0.17, 0.39
HSL	161°, 37%, 45%
HSV	161°, 54%, 61%
XYZ	18.7458, 27.0277, 25.2529
YIQ	128.8060, -41.3970, -26.2050

Conversions

Conversions Part 2

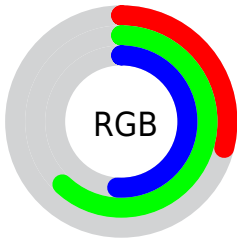
Format	Color
RYB	73, 123, 157
Decimal	4824450
CIELab	59.00, -32.23, 6.43
CIElCh	59, 32.867, 168.717
Yxy	27.0277, 0.2639, 0.3805
Android (android.graphics.Color)	4283014530 (0xFF499D82)
YUV	128.8060, 0.5886, -48.9419
Hunter-Lab	51.9882, -26.6161, 7.5921

Details

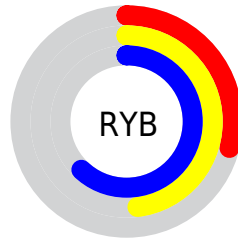
The CIELCh color **59, 32.867, 168.717** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **42, 37.916, 1.638**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 32.751, 168.799**, and **39, 32.776, 168.937** is the 20% darker color. If you saturate the color by 10%, you get **58, 37.728, 167.261**, and if you desaturate by 10%, it is **60, 27.460, 170.024**.

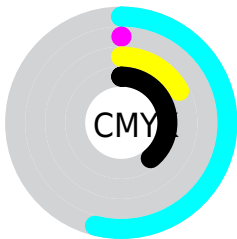
Distribution



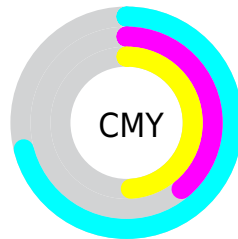
- Red (29%)
- Green (62%)
- Blue (51%)



- Red (29%)
- Yellow (48%)
- Blue (62%)



- Cyan (54%)
- Magenta (0%)
- Yellow (17%)
- Black (39%)





- Cyan (71%)
- Magenta (39%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 32.867, 168.717 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, 32.867, 168.717 by changing the saturation by 10% instead.


 59, 32.867,
168.717

 59, 32.867,
168.717


 100, 32.867,
168.717


 49, 32.867,
168.717


 79, 32.867,
168.717

 39, 32.867,
168.717

 89, 32.867,
168.717

 29, 32.867,
168.717

 99, 32.867,
168.717

 19, 32.867,
168.717

 9, 32.867, 168.717

 0, 32.867, 168.717

■ 59, 32.867,
168.717

■ 59, 32.867,
168.717

■ 58, 37.728,
167.261

■ 60, 27.460,
170.024

■ 58, 41.966,
165.636

■ 61, 21.603,
171.210

■ 58, 45.544,
163.822

■ 62, 15.405,
172.296

■ 57, 48.479,
161.812

■ 63, 8.968, 173.307

■ 57, 50.174,
160.512

■ 64, 2.387, 174.349

■ 66, 4.257, 354.954

■ 67, 10.900,
355.822

■ 69, 17.489,
356.605

■ 70, 23.988,
357.342

Harmonies

Complementary

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



59, 32.867, 168.717



42, 37.916, 1.638

Rectangle

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



59, 32.867, 168.717



59, 32.867, 218.717



59, 32.867, 348.717



59, 32.867, 38.717

Sweetspot

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



59, 32.868, 168.716



79, 13.045, 173.039



59, 50.995, 132.094



41, 8.771, 172.849



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



59, 32.868, 168.716



74, 46.775, 167.007



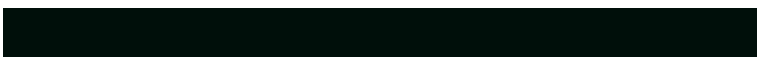
55, 22.874, 218.305



33, 3.765, 173.736



52, 46.727, 160.705



3, 5.064, 172.197

Inverse Universe

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



42, 37.916, 1.638



51, 55.240, 4.417



45, 34.412, 37.243



31, 3.858, 355.295



29, 56.087, 17.884



1, 4.917, 355.631

Previews

White Background



This preview shows how the CIELCh color 59, 32.867, 168.717 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, 32.867, 168.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

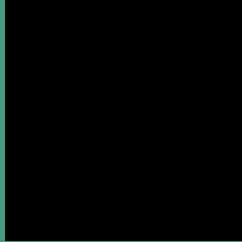
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 32.867, 168.717

Background



This preview shows how black text looks on a background with the CIELCh color 59, 32.867, 168.717.

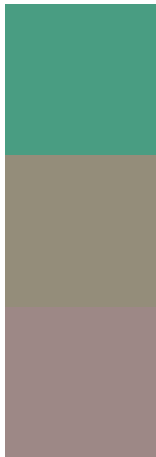


This preview shows how white text looks on a background with the CIELCh color 59, 32.867, 168.717.

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, 32.867, 168.717

Protanopia
59, 11.099, 93.835

Deuteranopia
59, 8.570, 27.755



Tritanopia
59, 22.351, 215.494

Trichromacy



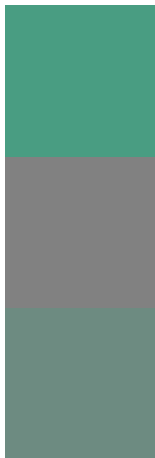
Original Color
59, 32.867, 168.717

Protanomaly
58, 16.204, 147.828

Deuteranomaly
58, 9.850, 154.799

Tritanomaly
59, 24.269, 194.530

Monochromacy



Original Color
59, 32.867, 168.717

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 12.909, 171.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 32.867, 168.717 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(73, 157, 130)` looks like.

```
.text, #text, p{  
    color:rgb(73, 157, 130)  
}
```

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(73, 157, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 157, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 32.867, 168.717 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(73, 157, 130) }
```

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

```
.border{ border-color:rgb(73, 157, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 157, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 157, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 157, 130);  
box-shadow:4px 4px 4px 4px rgb(73, 157,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 32.867, 168.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 157, 130) }
```

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

```
.background{ background-color: rgb(73, 157,  
130) }
```

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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