

Converting Colors

CIELCh(59, 32.926, 175.777)

Have a look what the booklet for
CIELCh(59, 32.926, 175.777)
contains.

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Color

CIELCh(59, 32.744, 176.132)

Conversions

Conversions Part 1

Format	Color
Hex	3F9D89
RGB	63, 157, 137
RGB Percent	25%, 62%, 54%
CMY	0.7524, 0.3838, 0.4623
CMYK	0.60, 0.00, 0.13, 0.38
HSL	167°, 43%, 43%
HSV	167°, 60%, 62%
XYZ	18.6614, 27.0277, 27.9462
YIQ	126.6140, -49.6040, -26.1480

Conversions

Conversions Part 2

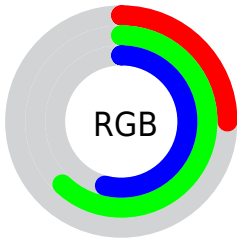
Format	Color
RYB	63, 116, 157
Decimal	4169097
CIELab	59.00, -32.67, 2.21
CIElCh	59, 32.744, 176.132
Yxy	27.0277, 0.2534, 0.3670
Android (android.graphics.Color)	4282359177 (0xFF3F9D89)
YUV	126.6140, 5.1203, -55.7895
Hunter-Lab	51.9882, -26.9060, 4.5205

Details

The CIELCh color `59, 32.744, 176.132` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `40, 41.788, 11.334`, and the grayscale version is `53, 0.007, 296.813`.

A 20% lighter version of the original color is `79, 32.733, 175.918`, and `39, 30.892, 174.796` is the 20% darker color. If you saturate the color by 10%, you get `58, 36.492, 174.779`, and if you desaturate by 10%, it is `60, 28.356, 177.360`.

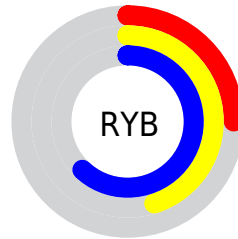
Distribution



Red (25%)

Green (62%)

Blue (54%)



Red (25%)

Yellow (45%)

Blue (62%)

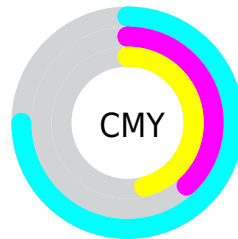


Cyan (60%)

Magenta (0%)

Yellow (13%)

Black (38%)



Cyan (75%)


Magenta (38%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 32.744, 176.132 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, 32.744, 176.132 by changing the saturation by 10% instead.


 59, 32.744,
176.132


 59, 32.744,
176.132


 100, 32.744,
176.132


 49, 32.744,
176.132


 79, 32.744,
176.132

 39, 32.744,
176.132

 89, 32.744,
176.132

 29, 32.744,
176.132

 99, 32.744,
176.132

 19, 32.744,
176.132

 9, 32.744, 176.132

 0, 32.744, 176.132

■ 59, 32.744,
176.132

■ 59, 32.744,
176.132

■ 58, 36.492,
174.779

■ 60, 28.356,
177.360

■ 58, 39.557,
173.281

■ 60, 23.403,
178.489

■ 58, 41.944,
171.621

■ 61, 17.979,
179.537

■ 58, 43.834,
169.852

■ 62, 12.186,
180.525

■ 58, 43.868,
169.820

■ 64, 6.123, 181.481

■ 65, 0.121, 358.796

■ 66, 6.467, 3.062

■ 68, 12.852, 3.901

■ 69, 19.224, 4.689

Harmonies

Complementary

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



59, 32.744, 176.132



40, 41.788, 11.334

Rectangle

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



59, 32.744, 176.132



59, 32.744, 226.132



59, 32.744, 356.132



59, 32.744, 46.132

Sweetspot

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



59, 32.744, 176.131



79, 13.727, 180.666



58, 58.385, 134.926



41, 9.473, 180.404



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, 32.744, 176.131



74, 45.712, 174.262



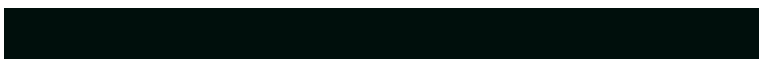
51, 24.523, 237.488



33, 3.548, 181.536



53, 40.815, 169.990



3, 4.770, 179.811

Inverse Universe

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



40, 41.788, 11.334



48, 61.367, 15.574



45, 36.980, 47.408



31, 3.672, 3.055



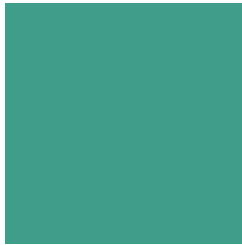
29, 59.245, 27.208



1, 4.679, 3.103

Previews

White Background



This preview shows how the CIELCh color 59, 32.744, 176.132 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, 32.744, 176.132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

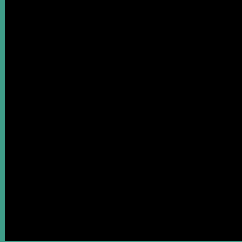
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 32.744, 176.132

Background



This preview shows how black text looks on a background with the CIELCh color 59, 32.744, 176.132.

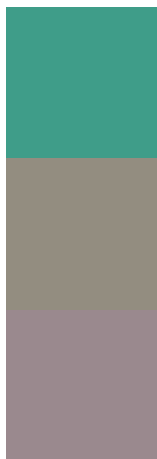


This preview shows how white text looks on a background with the CIELCh color 59, 32.744, 176.132.

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, 32.744, 176.132

Protanopia
59, 7.725, 90.925

Deuteranopia
59, 7.296, 357.352



Tritanopia
59, 24.795, 213.480

Trichromacy



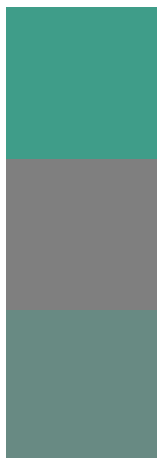
Original Color
59, 32.744, 176.132

Protanomaly
58, 14.800, 160.210

Deuteranomaly
58, 9.033, 183.944

Tritanomaly
59, 26.574, 197.059

Monochromacy



Original Color
59, 32.744, 176.132

Achromatopsia
53, 0.007, 296.813

Achromatomaly
55, 13.462, 180.624

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 32.744, 176.132 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(63, 157, 137)` looks like.

```
.text, #text, p{  
    color:rgb(63, 157, 137)  
}
```

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(63, 157, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 157, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 32.744, 176.132 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(63, 157, 137) }
```

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

```
.border{ border-color:rgb(63, 157, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 157, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 157, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 157, 137);  
box-shadow:4px 4px 4px 4px rgb(63, 157,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 32.744, 176.132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 157, 137) }
```

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

```
.background{ background-color: rgb(63, 157,  
137) }
```

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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