

Converting Colors

CIElCh(59, 32.378, 187.556)

Have a look what the booklet for
CIELCh(59, 32.378, 187.556)
contains.

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Color

CIELCh(59, 32.410, 187.393)

Conversions

Conversions Part 1

Format	Color
Hex	319D94
RGB	49, 157, 148
RGB Percent	19%, 62%, 58%
CMY	0.8063, 0.3831, 0.4184
CMYK	0.69, 0.00, 0.06, 0.38
HSL	175°, 52%, 41%
HSV	175°, 69%, 62%
XYZ	18.7635, 27.0277, 32.3687
YIQ	123.6820, -61.4790, -25.6950

Conversions

Conversions Part 2

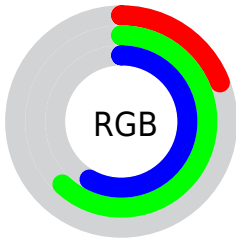
Format	Color
R_{YB}	49, 105, 157
Decimal	3251604
CIE _{Lab}	59.00, -32.14, -4.17
CIE _{LCh}	59, 32.410, 187.393
Y _{xy}	27.0277, 0.2401, 0.3458
Android (android.graphics.Color)	4281441684 (0xFF319D94)
YUV	123.6820, 11.9888, -65.4961
Hunter-Lab	51.9882, -26.5556, -0.5232

Details

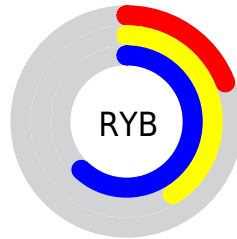
The CIELCh color **59, 32.410, 187.393** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **37, 49.384, 23.779**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 32.445, 187.531**, and **40, 27.823, 185.917** is the 20% darker color. If you saturate the color by 10%, you get **59, 34.769, 186.550**, and if you desaturate by 10%, it is **59, 29.329, 188.189**.

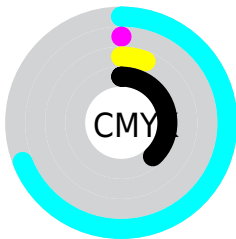
Distribution



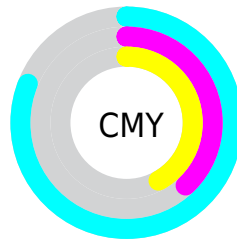
- Red (19%)
- Green (62%)
- Blue (58%)



- Red (19%)
- Yellow (41%)
- Blue (62%)



- Cyan (69%)
- Magenta (0%)
- Yellow (6%)
- Black (38%)





- Cyan (81%)
- Magenta (38%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 32.410, 187.393 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, 32.410, 187.393 by changing the saturation by 10% instead.


 59, 32.410,
187.393


 59, 32.410,
187.393


 100, 32.410,
187.393


 49, 32.410,
187.393


 79, 32.410,
187.393

 39, 32.410,
187.393


 89, 32.410,
187.393

 29, 32.410,
187.393

 99, 32.410,
187.393

 19, 32.410,
187.393

 9, 32.410, 187.393

 0, 32.410, 187.393

■ 59, 32.410,
187.393

■ 59, 32.410,
187.393

■ 59, 34.769,
186.550

■ 59, 29.329,
188.189

■ 58, 36.418,
185.648

■ 60, 25.560,
188.956

■ 58, 37.495,
184.688

■ 61, 21.165,
189.706

■ 58, 37.637,
184.555

■ 62, 16.231,
190.447

■ 63, 10.854,
191.190

■ 64, 5.128, 191.961

■ 65, 0.856, 12.069

■ 66, 7.017, 13.251

Harmonies

Complementary

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



59, 32.410, 187.393



37, 49.384, 23.779

Rectangle

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



59, 32.410, 187.393



59, 32.410, 237.393



59, 32.410, 7.393



59, 32.410, 57.393

Sweetspot

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



59, 32.410, 187.392



79, 15.040, 190.980



57, 67.533, 136.810



41, 10.086, 190.792



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, 32.410, 187.392



74, 43.261, 186.110



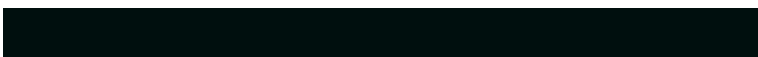
46, 30.009, 257.963



33, 3.383, 191.908



53, 35.039, 184.646



3, 4.529, 191.051

Inverse Universe

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



37, 49.384, 23.779



45, 72.595, 29.426



46, 42.057, 57.561



31, 3.551, 13.150



29, 64.292, 35.707



1, 4.509, 12.846

Previews

White Background



This preview shows how the CIELCh color 59, 32.410, 187.393 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, 32.410, 187.393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

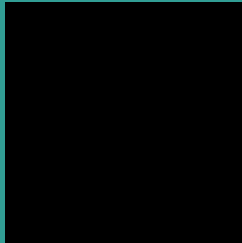
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 32.410, 187.393

Background



This preview shows how black text looks on a background with the CIELCh color 59, 32.410, 187.393.

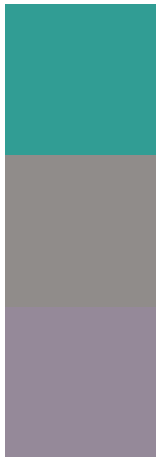


This preview shows how white text looks on a background with the CIELCh color 59, 32.410, 187.393.

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, 32.410, 187.393

Protanopia
59, 1.930, 55.180

Deuteranopia
59, 10.225, 317.715



Tritanopia
59, 28.042, 211.306

Trichromacy



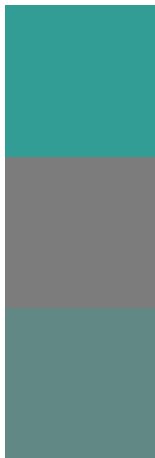
Original Color
59, 32.410, 187.393

Protanomaly
58, 13.470, 188.366

Deuteranomaly
58, 11.696, 218.484

Tritanomaly
59, 29.072, 201.421

Monochromacy



Original Color
59, 32.410, 187.393

Achromatopsia
52, 0.007, 296.813

Achromatomaly
54, 14.430, 191.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 32.410, 187.393 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(49, 157, 148)` looks like.

```
.text, #text, p{  
    color:rgb(49, 157, 148)  
}
```

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(49, 157, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 157, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 32.410, 187.393 is called "border". The border property can be set on classes, ids or directly on the HTML element.

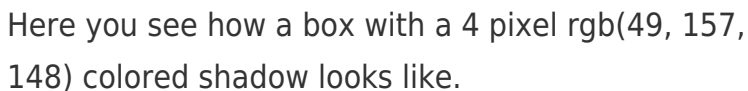
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(49, 157, 148) }
```

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

```
.border{ border-color:rgb(49, 157, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(49, 157, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(49, 157, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(49, 157, 148); box-shadow:4px 4px 4px 4px rgb(49, 157, 148) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 32.410, 187.393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 157, 148) }
```

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

```
.background{ background-color: rgb(49, 157,  
148) }
```

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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