

Converting Colors

CIELCh(59, 33.721, 194.403)

Have a look what the booklet for
CIELCh(59, 33.721, 194.403)
contains.

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Color

CIELCh(59, 33.718, 194.531)

Conversions

Conversions Part 1

Format	Color
Hex	1D9E9C
RGB	29, 158, 156
RGB Percent	11%, 62%, 61%
CMY	0.8879, 0.3812, 0.3891
CMYK	0.82, 0.00, 0.01, 0.38
HSL	179°, 69%, 37%
HSV	179°, 82%, 62%
XYZ	18.6672, 27.0277, 35.5907
YIQ	119.2010, -76.2420, -27.9700

Conversions

Conversions Part 2

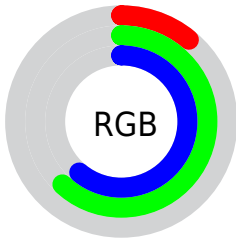
Format	Color
R_{YB}	29, 94, 158
Decimal	1941148
CIE _{Lab}	59.00, -32.64, -8.46
CIE _{LCh}	59, 33.718, 194.531
Yxy	27.0277, 0.2296, 0.3325
Android (android.graphics.Color)	4280131228 (0xFF1D9E9C)
YUV	119.2010, 18.1419, -79.1063
Hunter-Lab	51.9882, -26.8862, -4.1977

Details

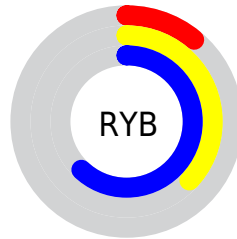
The CIELCh color **59, 33.718, 194.531** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **34, 61.277, 33.121**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 33.769, 194.286**, and **40, 26.448, 195.020** is the 20% darker color. If you saturate the color by 10%, you get **59, 34.838, 194.267**, and if you desaturate by 10%, it is **59, 31.900, 194.824**.

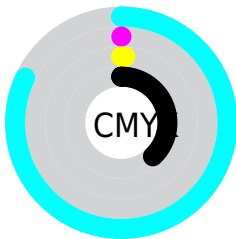
Distribution



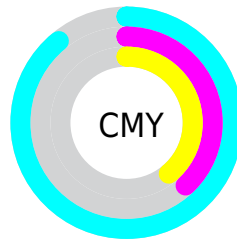
- Red (11%)
- Green (62%)
- Blue (61%)



- Red (11%)
- Yellow (37%)
- Blue (62%)



- Cyan (82%)
- Magenta (0%)
- Yellow (1%)
- Black (38%)





- Cyan (89%)
- Magenta (38%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 33.718, 194.531 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, 33.718, 194.531 by changing the saturation by 10% instead.


 59, 33.718,
194.531


 59, 33.718,
194.531


 100, 33.718,
194.531


 49, 33.718,
194.531


 79, 33.718,
194.531

 39, 33.718,
194.531

 89, 33.718,
194.531

 29, 33.718,
194.531

 99, 33.718,
194.531

 19, 33.718,
194.531

 9, 33.718, 194.531

 0, 33.718, 194.531

■ 59, 33.718,
194.531

■ 59, 33.718,
194.531

■ 59, 34.838,
194.267

■ 59, 31.900,
194.824

■ 59, 35.410,
194.068

■ 60, 29.349,
195.158

■ 60, 26.074,
195.535

■ 61, 22.120,
195.957

■ 62, 17.559,
196.425

■ 63, 12.478,
196.938

■ 64, 6.971, 197.506

■ 65, 1.130, 198.416



Harmonies

Complementary

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



59, 33.718, 194.531



34, 61.277, 33.121

Rectangle

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



59, 33.718, 194.531



59, 33.718, 244.531



59, 33.718, 14.531



59, 33.718, 64.531

Sweetspot

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



59, 33.718, 194.530



79, 17.367, 196.749



57, 77.432, 136.932



41, 11.688, 196.582



91, 0.011, 296.813



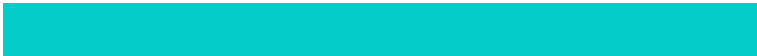
43, 0.006, 296.813

Same Dimension

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



59, 33.718, 194.530



74, 42.728, 194.074



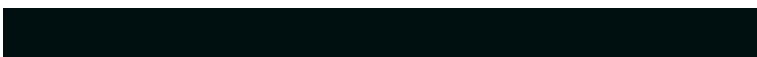
40, 39.791, 273.840



33, 3.343, 197.671



53, 32.913, 194.088



3, 4.476, 197.819

Inverse Universe

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



34, 61.277, 33.121



43, 86.639, 38.941



45, 50.479, 63.371



31, 3.534, 18.647



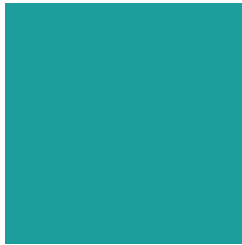
29, 66.560, 38.549



1, 4.475, 18.183

Previews

White Background



This preview shows how the CIELCh color 59, 33.718, 194.531 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, 33.718, 194.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

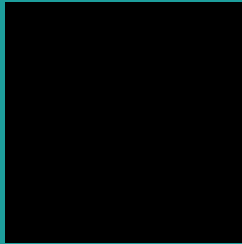
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 33.718, 194.531

Background



This preview shows how black text looks on a background with the CIELCh color 59, 33.718, 194.531.

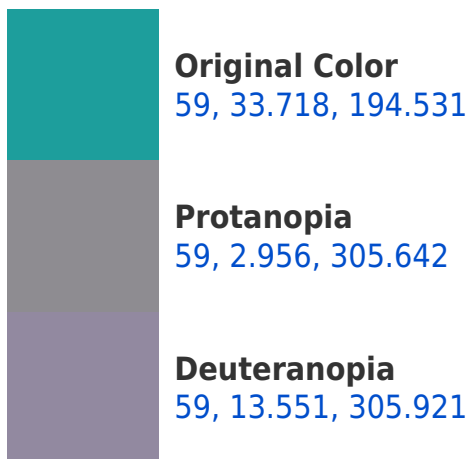


This preview shows how white text looks on a background with the CIELCh color 59, 33.718, 194.531.

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





Tritanopia
59, 30.886, 210.865

Trichromacy



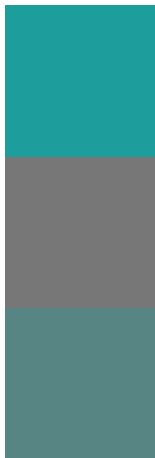
Original Color
59, 33.718, 194.531

Protanomaly
58, 15.827, 204.217

Deuteranomaly
58, 15.900, 226.186

Tritanomaly
59, 31.760, 203.986

Monochromacy



Original Color
59, 33.718, 194.531

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 16.756, 195.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 33.718, 194.531 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(29, 158, 156)` looks like.

```
.text, #text, p{  
    color:rgb(29, 158, 156)  
}
```

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(29, 158, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 158, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 33.718, 194.531 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(29, 158, 156) }
```

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

```
.border{ border-color:rgb(29, 158, 156) }
```

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

Here you see how a box with a 4 pixel rgb(29, 158, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 158, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 158, 156);  
box-shadow:4px 4px 4px 4px rgb(29, 158,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 33.718, 194.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 158, 156) }
```

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

```
.background{ background-color: rgb(29, 158,  
156) }
```

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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