

Converting Colors

CIELCh(55, 33.176, 196.406)

Have a look what the booklet for
CIELCh(55, 33.176, 196.406)
contains.

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Color

CIELCh(55, 33.194, 196.390)

Conversions

Conversions Part 1

Format	Color
Hex	019393
RGB	1, 147, 147
RGB Percent	0%, 58%, 58%
CMY	0.9980, 0.4241, 0.4241
CMYK	1.00, 0.00, 0.00, 0.42
HSL	180°, 99%, 29%
HSV	180°, 100%, 58%
XYZ	15.6740, 22.9298, 31.1474
YIQ	103.3460, -87.0160, -30.9520

Conversions

Conversions Part 2

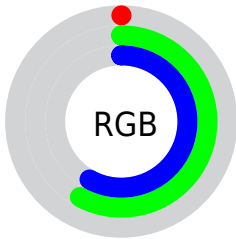
Format	Color
RYB	1, 74, 147
Decimal	103315
CIELab	55.00, -31.85, -9.37
CIELCh	55, 33.194, 196.390
Yxy	22.9298, 0.2247, 0.3287
Android (android.graphics.Color)	4278293395 (0xFF019393)
YUV	103.3460, 21.5214, -89.7574
Hunter-Lab	47.8851, -25.3714, -5.0462

Details

The CIELCh color **55, 33.194, 196.390** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **30, 68.465, 39.241**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **75, 33.326, 196.045**, and **36, 24.348, 197.896** is the 20% darker color. If you saturate the color by 10%, you get **55, 33.217, 196.387**, and if you desaturate by 10%, it is **55, 32.493, 196.449**.

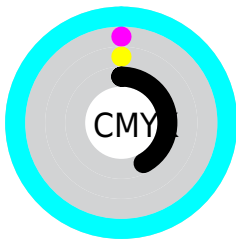
Distribution



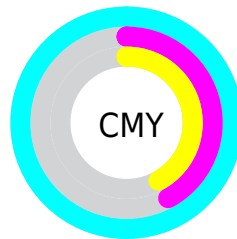
- Red (0%)
- Green (58%)
- Blue (58%)



- Red (0%)
- Yellow (29%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (42%)





- Cyan (100%)
- Magenta (42%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 33.194, 196.390 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 55, 33.194, 196.390 by changing the saturation by 10% instead.


 55, 33.194,
196.390


 55, 33.194,
196.390


 100, 33.194,
196.390


 45, 33.194,
196.390


 75, 33.194,
196.390

 35, 33.194,
196.390

 85, 33.194,
196.390

 25, 33.194,
196.390

 95, 33.194,
196.390

 15, 33.194,
196.390

 5, 33.194, 196.390

 0, 33.194, 196.390

■ 55, 33.194,
196.390

■ 55, 33.194,
196.390

■ 55, 33.217,
196.387

■ 55, 32.493,
196.449

■ 55, 31.312,
196.552

■ 56, 29.466,
196.713

■ 56, 26.930,
196.936

■ 56, 23.720,
197.222

■ 57, 19.883,
197.570

■ 58, 15.489,
197.977

■ 59, 10.620,

198.441

■ 60, 5.363, 198.976

Harmonies

Complementary

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



55, 33.194, 196.390



30, 68.465, 39.241

Rectangle

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



55, 33.194, 196.390



55, 33.194, 246.390



55, 33.194, 16.390



55, 33.194, 66.390

Sweetspot

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



55, 33.194, 196.389



74, 19.364, 197.935



53, 79.298, 136.034



39, 13.117, 197.775



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



55, 33.194, 196.389



70, 40.365, 196.387



32, 46.850, 283.041



31, 3.160, 199.003



52, 31.694, 196.387



2, 2.828, 199.422

Inverse Universe

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



35, 76.523, 328.229



45, 93.082, 328.233



40, 56.122, 61.388



29, 5.775, 324.910



32, 73.088, 328.233



1, 5.023, 324.439

Previews

White Background



This preview shows how the CIELCh color 55, 33.194, 196.390 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 55, 33.194, 196.390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

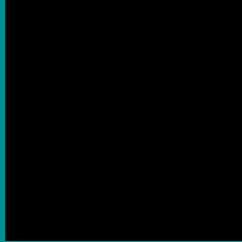
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 33.194, 196.390

Background



This preview shows how black text looks on a background with the CIELCh color 55, 33.194, 196.390.

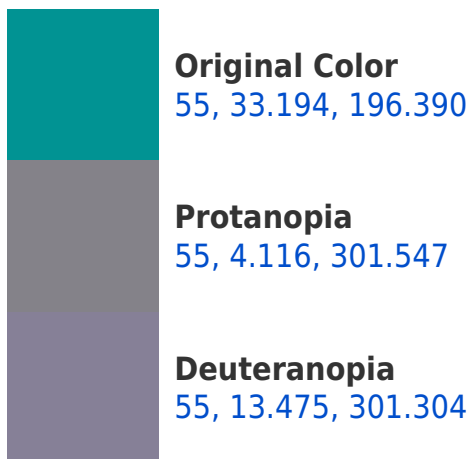


This preview shows how white text looks on a background with the CIELCh color 55, 33.194, 196.390.

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
55, 30.234, 210.154

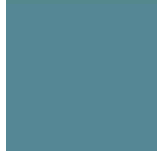
Trichromacy



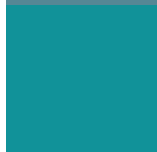
Original Color
55, 33.194, 196.390



Protanomaly
53, 17.927, 207.083



Deuteranomaly
53, 18.194, 224.599

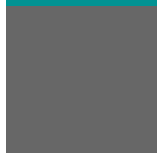


Tritanomaly
55, 31.410, 204.066

Monochromacy



Original Color
55, 33.194, 196.390



Achromatopsia
44, 0.006, 296.813



Achromatomaly
47, 18.454, 197.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 33.194, 196.390 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(1, 147, 147)` looks like.

```
.text, #text, p{  
    color:rgb(1, 147, 147)  
}
```

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(1, 147, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 147, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 33.194, 196.390 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(1, 147, 147) }
```

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

```
.border{ border-color:rgb(1, 147, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 147, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 147, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 147, 147);  
box-shadow:4px 4px 4px 4px rgb(1, 147,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 33.194, 196.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 147, 147) }
```

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

```
.background{ background-color: rgb(1, 147,  
147) }
```

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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