

Converting Colors

CIELCh(51, 29.869, 195.372)

Have a look what the booklet for
CIELCh(51, 29.869, 195.372)
contains.

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Color

CIELCh(51, 29.869, 195.372)

Conversions

Conversions Part 1

Format	Color
Hex	188786
RGB	24, 135, 134
RGB Percent	9%, 53%, 53%
CMY	0.9053, 0.4703, 0.4742
CMYK	0.82, 0.00, 0.01, 0.47
HSL	179°, 70%, 31%
HSV	179°, 82%, 53%
XYZ	13.3632, 19.2686, 25.5968
YIQ	101.6970, -65.8350, -23.8430

Conversions

Conversions Part 2

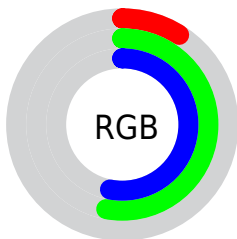
Format	Color
R _Y B	24, 80, 135
Decimal	1607558
CIE Lab	51.00, -28.80, -7.92
CIE LCh	51, 29.869, 195.372
Yxy	19.2686, 0.2295, 0.3309
Android (android.graphics.Color)	4279797638 (0xFF188786)
YUV	101.6970, 15.9254, -68.1403
Hunter-Lab	43.8960, -22.4774, -3.8462

Details

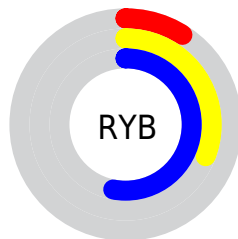
The CIELCh color **51, 29.869, 195.372** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **29, 54.342, 33.183**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 29.919, 194.996**, and **32, 22.528, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **51, 30.891, 195.179**, and if you desaturate by 10%, it is **51, 28.237, 195.605**.

Distribution



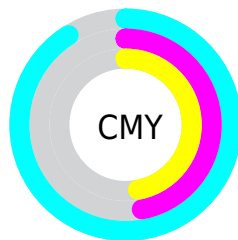
- Red (9%)
- Green (53%)
- Blue (53%)



- Red (9%)
- Yellow (31%)
- Blue (53%)



- Cyan (82%)
- Magenta (0%)
- Yellow (1%)
- Black (47%)





- Cyan (91%)
- Magenta (47%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 29.869, 195.372 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 51, 29.869, 195.372 by changing the saturation by 10% instead.


 51, 29.869,
195.372


 51, 29.869,
195.372


 100, 29.869,
195.372


 41, 29.869,
195.372


 71, 29.869,
195.372

 31, 29.869,
195.372

 81, 29.869,
195.372

 21, 29.869,
195.372

 91, 29.869,
195.372

 11, 29.869,
195.372

 1, 29.869, 195.372

 0, 29.869, 195.372

■ 51, 29.869,
195.372

■ 51, 29.869,
195.372

■ 51, 30.891,
195.179

■ 51, 28.237,
195.605

■ 51, 31.457,
195.044

■ 52, 25.967,
195.886

■ 52, 23.068,
196.219

■ 53, 19.580,
196.602

■ 53, 15.564,
197.035

■ 54, 11.094,
197.518

■ 55, 6.252, 198.057

■ 56, 1.116, 198.905

Harmonies

Complementary

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



51, 29.869, 195.372



29, 54.342, 33.183

Rectangle

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



51, 29.869, 195.372



51, 29.869, 245.372



51, 29.869, 15.372



51, 29.869, 65.372

Sweetspot

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



51, 29.869, 195.371



69, 15.392, 197.346



49, 68.721, 137.003



36, 10.472, 197.198



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



51, 29.869, 195.371



65, 38.125, 195.031



34, 35.167, 273.469



28, 2.888, 198.239



49, 30.604, 195.049



1, 0.707, 198.669

Inverse Universe

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



29, 54.342, 33.183



36, 78.141, 39.292



39, 44.585, 63.516



26, 3.049, 19.147



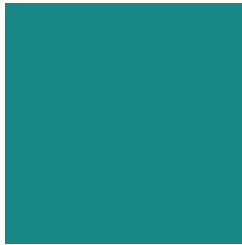
26, 61.843, 38.154



0, 0.707, 18.652

Previews

White Background



This preview shows how the CIELCh color 51, 29.869, 195.372 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 51, 29.869, 195.372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

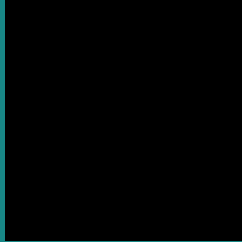
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 29.869, 195.372

Background



This preview shows how black text looks on a background with the CIELCh color 51, 29.869, 195.372.

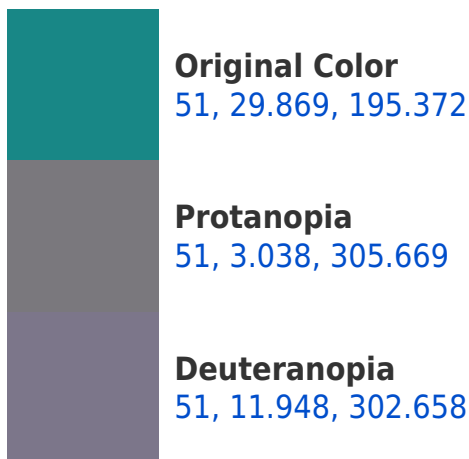



This preview shows how white text looks on a background with the CIELCh color 51, 29.869, 195.372.

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
51, 27.549, 209.234

Trichromacy



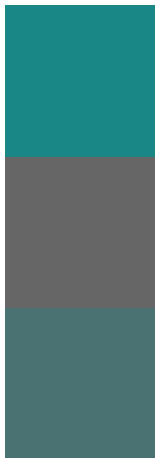
Original Color
51, 29.869, 195.372

Protanomaly
50, 14.109, 205.192

Deuteranomaly
50, 14.456, 230.303

Tritanomaly
51, 28.218, 203.940

Monochromacy



Original Color
51, 29.869, 195.372

Achromatopsia
43, 0.006, 296.813

Achromatomaly
45, 14.629, 197.784

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 29.869, 195.372 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(24, 135, 134)` looks like.

```
.text, #text, p{  
    color:rgb(24, 135, 134)  
}
```

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(24, 135, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 135, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 29.869, 195.372 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(24, 135, 134) }
```

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

```
.border{ border-color:rgb(24, 135, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 135, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 135, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 135, 134);  
box-shadow:4px 4px 4px 4px rgb(24, 135,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 29.869, 195.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 135, 134) }
```

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

```
.background{ background-color: rgb(24, 135,  
134) }
```

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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