

Converting Colors

CIELCh(47, 27.350, 196.599)

Have a look what the booklet for
CIELCh(47, 27.350, 196.599)
contains.

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Color

CIELCh(47, 27.439, 196.577)

Conversions

Conversions Part 1

Format	Color
Hex	1A7C7C
RGB	26, 124, 124
RGB Percent	10%, 49%, 49%
CMY	0.8996, 0.5146, 0.5146
CMYK	0.79, 0.00, 0.00, 0.51
HSL	180°, 66%, 29%
HSV	180°, 79%, 49%
XYZ	11.2169, 16.0195, 21.4921
YIQ	94.6980, -58.4080, -20.7760

Conversions

Conversions Part 2

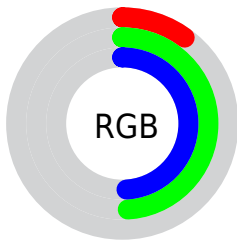
Format	Color
R_{YB}	26, 75, 124
Decimal	1735804
CIE _{Lab}	47.00, -26.30, -7.83
CIE _{LCh}	47, 27.439, 196.577
Yxy	16.0195, 0.2302, 0.3287
Android (android.graphics.Color)	4279925884 (0xFF1A7C7C)
YUV	94.6980, 14.4459, -60.2481
Hunter-Lab	40.0243, -20.0176, -3.8203

Details

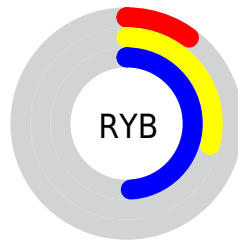
The CIELCh color **47, 27.439, 196.577** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **27, 49.119, 32.515**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 27.418, 196.033**, and **28, 20.689, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **47, 28.560, 196.466**, and if you desaturate by 10%, it is **47, 25.742, 196.743**.

Distribution



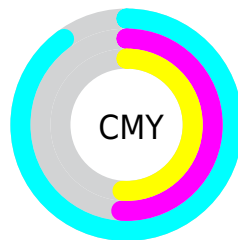
- Red (10%)
- Green (49%)
- Blue (49%)



- Red (10%)
- Yellow (29%)
- Blue (49%)



- Cyan (79%)
- Magenta (0%)
- Yellow (0%)
- Black (51%)



- Cyan (90%)
- Magenta (51%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 27.439, 196.577 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 47, 27.439, 196.577 by changing the saturation by 10% instead.

 47, 27.439,
196.577


 47, 27.439,
196.577


 100, 27.439,
196.577


 37, 27.439,
196.577

 67, 27.439,
196.577


 27, 27.439,
196.577

 77, 27.439,
196.577

 17, 27.439,
196.577

 87, 27.439,
196.577

 7, 27.439, 196.577

 97, 27.439,
196.577

 0, 27.439, 196.577

 47, 27.439,

 47, 27.439,

196.577

196.577

■ 47, 28.560,
196.466

■ 47, 25.742,
196.743

■ 47, 29.293,
196.395

■ 48, 23.457,
196.971

■ 47, 29.343,
196.390

■ 48, 20.598,
197.261

■ 49, 17.209,
197.609

■ 49, 13.350,
198.014

■ 50, 9.090, 198.475

■ 51, 4.504, 199.007

■ 52, 0.339, 18.300

■ 53, 5.373, 19.924

Harmonies

Complementary

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



47, 27.439, 196.577



27, 49.119, 32.515

Rectangle

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



47, 27.439, 196.577



47, 27.439, 246.577



47, 27.439, 16.577



47, 27.439, 66.577

Sweetspot

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



47, 27.439, 196.576



63, 13.752, 198.226



45, 63.066, 137.484



33, 9.426, 198.091



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



47, 27.439, 196.576



60, 35.154, 196.415



31, 32.594, 273.909



25, 2.700, 199.022



47, 29.544, 196.390



90, 49.733, 196.390

Inverse Universe

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



30, 61.662, 327.926



38, 80.766, 328.190



37, 40.010, 65.556



24, 4.930, 324.894



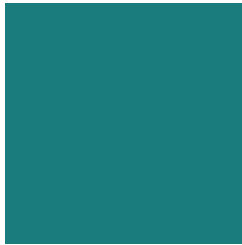
29, 68.131, 328.233



60, 114.688, 328.233

Previews

White Background



This preview shows how the CIELCh color 47, 27.439, 196.577 looks on a white 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

Black Background



This preview shows how the CIELCh color 47, 27.439, 196.577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

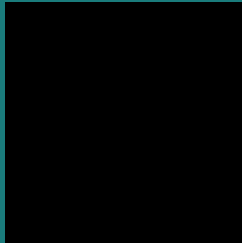
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 27.439, 196.577

Background



This preview shows how black text looks on a background with the CIELCh color 47, 27.439, 196.577.

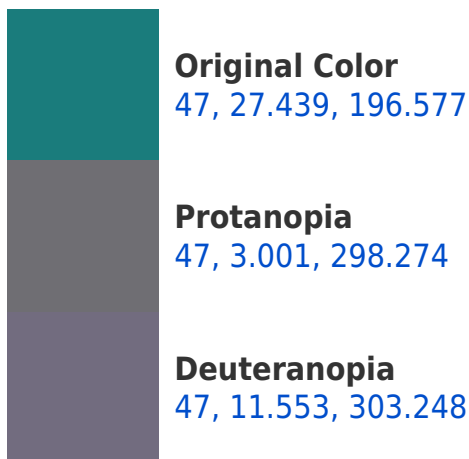



This preview shows how white text looks on a background with the CIELCh color 47, 27.439, 196.577.

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
47, 25.366, 210.604

Trichromacy



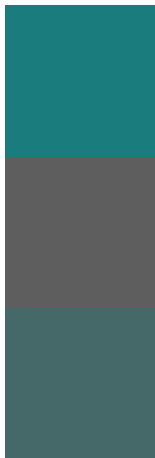
Original Color
47, 27.439, 196.577

Protanomaly
46, 12.909, 206.029

Deuteranomaly
46, 13.226, 231.204

Tritanomaly
47, 26.104, 204.698

Monochromacy



Original Color
47, 27.439, 196.577

Achromatopsia
40, 0.006, 296.813

Achromatomaly
42, 13.418, 197.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 27.439, 196.577 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(26, 124, 124)` looks like.

```
.text, #text, p{  
    color:rgb(26, 124, 124)  
}
```

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(26, 124, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 124, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 27.439, 196.577 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(26, 124, 124) }
```

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

```
.border{ border-color:rgb(26, 124, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 124, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 124, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 124, 124);  
box-shadow:4px 4px 4px 4px rgb(26, 124,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 27.439, 196.577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 124, 124) }
```

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

```
.background{ background-color: rgb(26, 124,  
124) }
```

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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