

Converting Colors

CIELCh(47, 27.144, 198.555)

Have a look what the booklet for
CIELCh(47, 27.144, 198.555)
contains.

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Color

CIELCh(47, 27.296, 197.859)

Conversions

Conversions Part 1

Format	Color
Hex	197C7D
RGB	25, 124, 125
RGB Percent	10%, 49%, 49%
CMY	0.9002, 0.5150, 0.5111
CMYK	0.80, 0.01, 0.00, 0.51
HSL	181°, 66%, 29%
HSV	181°, 80%, 49%
XYZ	11.2606, 16.0195, 21.7939
YIQ	94.5130, -59.3250, -20.6770

Conversions

Conversions Part 2

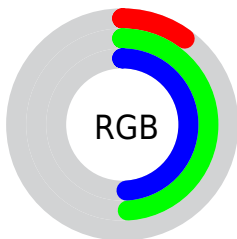
Format	Color
R_{YB}	25, 75, 125
Decimal	1670269
CIE _{Lab}	47.00, -25.98, -8.37
CIE _{LCh}	47, 27.296, 197.859
Yxy	16.0195, 0.2295, 0.3264
Android (android.graphics.Color)	4279860349 (0xFF197C7D)
YUV	94.5130, 15.0301, -60.9629
Hunter-Lab	40.0243, -19.8228, -4.2674

Details

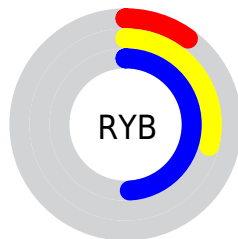
The CIELCh color **47, 27.296, 197.859** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **27, 49.370, 32.974**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 27.439, 198.377**, and **28, 20.523, 198.255** is the 20% darker color. If you saturate the color by 10%, you get **47, 28.369, 197.858**, and if you desaturate by 10%, it is **47, 25.643, 197.932**.

Distribution



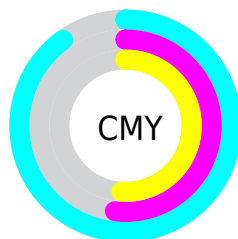
- Red (10%)
- Green (49%)
- Blue (49%)



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



- Cyan (80%)
- Magenta (1%)
- Yellow (0%)
- Black (51%)



- Cyan (90%)
- Magenta (52%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 27.296, 197.859 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, 27.296, 197.859 by changing the saturation by 10% instead.

 47, 27.296,
197.859


 47, 27.296,
197.859

 100, 27.296,
197.859


 37, 27.296,
197.859

 67, 27.296,
197.859


 27, 27.296,
197.859

 77, 27.296,
197.859

 17, 27.296,
197.859

 87, 27.296,
197.859

 7, 27.296, 197.859

 97, 27.296,
197.859

 0, 27.296, 197.859

 47, 27.296,

 47, 27.296,

197.859

197.859

■ 47, 28.369,
197.858

■ 47, 25.643,
197.932

■ 47, 29.062,
197.907

■ 48, 23.398,
198.082

■ 47, 29.091,
197.909

■ 48, 20.577,
198.306

■ 49, 17.224,
198.599

■ 50, 13.397,
198.956

■ 50, 9.169, 199.376

■ 51, 4.611, 199.870

■ 52, 0.205, 18.366

■ 53, 5.214, 20.725

Harmonies

Complementary

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



47, 27.296, 197.859



27, 49.370, 32.974

Rectangle

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



47, 27.296, 197.859



47, 27.296, 247.859



47, 27.296, 17.859



47, 27.296, 67.859

Sweetspot

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



47, 27.296, 197.858



64, 13.783, 199.158



45, 63.561, 137.453



33, 9.326, 199.037



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, 27.296, 197.858



60, 35.144, 197.914



31, 32.897, 274.038



25, 2.672, 199.901



47, 29.135, 197.909



90, 49.009, 197.993

Inverse Universe

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



31, 61.703, 328.270



39, 81.312, 328.586



37, 40.392, 65.505



24, 4.897, 325.164



29, 67.613, 328.624



60, 113.770, 328.645

Previews

White Background



This preview shows how the CIELCh color 47, 27.296, 197.859 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, 27.296, 197.859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

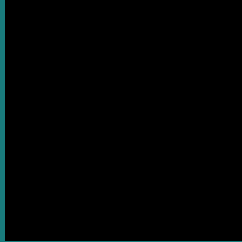
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 27.296, 197.859

Background



This preview shows how black text looks on a background with the CIELCh color 47, 27.296, 197.859.

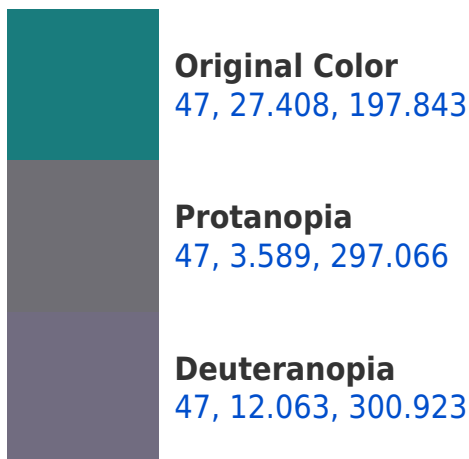



This preview shows how white text looks on a background with the CIELCh color 47, 27.296, 197.859.

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, 25.496, 210.521

Trichromacy



Original Color
47, 27.408, 197.843

Protanomaly
46, 12.930, 208.724

Deuteranomaly
46, 13.750, 232.772

Tritanomaly
47, 26.104, 204.698

Monochromacy



Original Color
47, 27.408, 197.843

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, 27.296, 197.859 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(25, 124, 125)` looks like.

```
.text, #text, p{  
    color:rgb(25, 124, 125)  
}
```

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(25, 124, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 124, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 27.296, 197.859 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(25, 124, 125) }
```

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

```
.border{ border-color:rgb(25, 124, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 124, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 124, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 124, 125);  
box-shadow:4px 4px 4px 4px rgb(25, 124,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 27.296, 197.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 124, 125) }
```

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

```
.background{ background-color: rgb(25, 124,  
125) }
```

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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