

Converting Colors

CIELCh(48, 29.186, 195.782)

Have a look what the booklet for
CIELCh(48, 29.186, 195.782)
contains.

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Color

CIELCh(48, 29.247, 195.269)

Conversions

Conversions Part 1

Format	Color
Hex	0E7F7E
RGB	14, 127, 126
RGB Percent	5%, 50%, 49%
CMY	0.9445, 0.5017, 0.5057
CMYK	0.89, 0.00, 0.01, 0.50
HSL	179°, 80%, 28%
HSV	179°, 89%, 50%
XYZ	11.5486, 16.7945, 22.3890
YIQ	93.0990, -67.0270, -24.2670

Conversions

Conversions Part 2

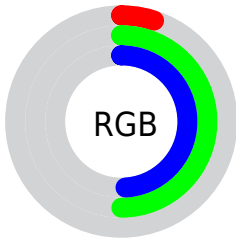
Format	Color
RYB	14, 71, 127
Decimal	950142
CIELab	48.00, -28.21, -7.70
CIELCh	48, 29.247, 195.269
Yxy	16.7945, 0.2276, 0.3310
Android (android.graphics.Color)	4279140222 (0xFF0E7F7E)
YUV	93.0990, 16.2202, -69.3698
Hunter-Lab	40.9810, -21.4148, -3.7050

Details

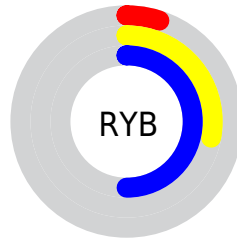
The CIELCh color **48, 29.247, 195.269** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **26, 55.665, 35.402**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 29.027, 196.002**, and **29, 21.060, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **48, 30.006, 195.094**, and if you desaturate by 10%, it is **48, 28.063, 195.472**.

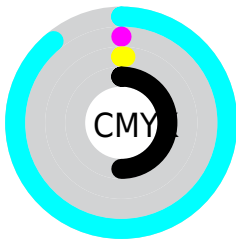
Distribution



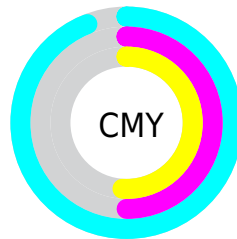
- Red (5%)
- Green (50%)
- Blue (49%)



- Red (5%)
- Yellow (28%)
- Blue (50%)



- Cyan (89%)
- Magenta (0%)
- Yellow (1%)
- Black (50%)



- Cyan (94%)
- Magenta (50%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 29.247, 195.269 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 48, 29.247, 195.269 by changing the saturation by 10% instead.

 48, 29.247,
195.269


 48, 29.247,
195.269


 100, 29.247,
195.269

 38, 29.247,
195.269

 68, 29.247,
195.269

 28, 29.247,
195.269

 78, 29.247,
195.269

 18, 29.247,
195.269

 88, 29.247,
195.269

 8, 29.247, 195.269

 98, 29.247,
195.269

 0, 29.247, 195.269

 48, 29.247,

 48, 29.247,

195.269

■ 48, 30.006,
195.094

■ 48, 30.090,
195.075

195.269

■ 48, 28.063,
195.472

■ 48, 26.289,
195.720

■ 49, 23.910,
196.017

■ 49, 20.948,
196.364

■ 50, 17.447,
196.762

■ 51, 13.471,
197.209

■ 51, 9.092, 197.706

■ 52, 4.385, 198.271

Harmonies

Complementary

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



48, 29.247, 195.269



26, 55.665, 35.402

Rectangle

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



48, 29.247, 195.269



48, 29.247, 245.269



48, 29.247, 15.269



48, 29.247, 65.269

Sweetspot

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



48, 29.247, 195.268



65, 15.729, 197.267



46, 68.183, 136.561



34, 10.575, 197.135



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



48, 29.247, 195.268



62, 36.535, 195.044



30, 36.036, 276.110



26, 2.795, 198.256



48, 30.166, 195.075



0, 0.000, 0.000

Inverse Universe

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



26, 55.665, 35.402



34, 75.188, 39.465



36, 45.719, 62.433



25, 2.950, 19.155



25, 60.837, 37.999



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 48, 29.247, 195.269 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 48, 29.247, 195.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

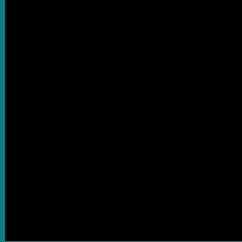
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 29.247, 195.269

Background



This preview shows how black text looks on a background with the CIELCh color 48, 29.247, 195.269.

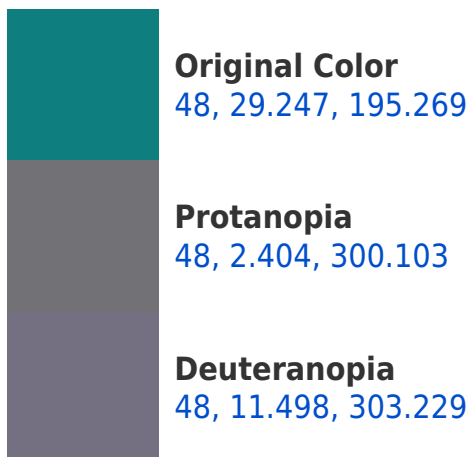


This preview shows how white text looks on a background with the CIELCh color 48, 29.247, 195.269.

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
48, 26.841, 209.678

Trichromacy



Original Color
48, 29.247, 195.269

Protanomaly
47, 14.487, 202.592

Deuteranomaly
47, 14.539, 227.668

Tritanomaly
48, 27.546, 204.155

Monochromacy



Original Color
48, 29.247, 195.269

Achromatopsia
39, 0.006, 296.813

Achromatomaly
42, 14.993, 197.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 29.247, 195.269 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(14, 127, 126)` looks like.

```
.text, #text, p{  
    color:rgb(14, 127, 126)  
}
```

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(14, 127, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 127, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 29.247, 195.269 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(14, 127, 126) }
```

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

```
.border{ border-color:rgb(14, 127, 126) }
```

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

Here you see how a box with a 4 pixel rgb(14, 127, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 127, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 127, 126);  
box-shadow:4px 4px 4px 4px rgb(14, 127,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 29.247, 195.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 127, 126) }
```

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

```
.background{ background-color: rgb(14, 127,  
126) }
```

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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