

Converting Colors

CIELCh(47, 15.843, 197.692)

Have a look what the booklet for
CIELCh(47, 15.843, 197.692)
contains.

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Color

CIELCh(47, 15.837, 197.703)

Conversions

Conversions Part 1

Format	Color
Hex	4B7777
RGB	75, 119, 119
RGB Percent	29%, 47%, 47%
CMY	0.7059, 0.5334, 0.5334
CMYK	0.37, 0.00, 0.00, 0.53
HSL	180°, 23%, 38%
HSV	180°, 37%, 47%
XYZ	12.8266, 16.0195, 19.8668
YIQ	105.8440, -26.2240, -9.3280

Conversions

Conversions Part 2

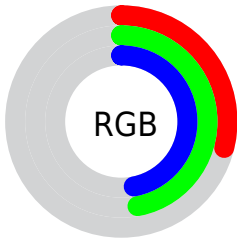
Format	Color
RYB	75, 97, 119
Decimal	4945783
CIELab	47.00, -15.09, -4.82
CIELCh	47, 15.837, 197.703
Yxy	16.0195, 0.2633, 0.3289
Android (android.graphics.Color)	4283135863 (0xFF4B7777)
YUV	105.8440, 6.4859, -27.0502
Hunter-Lab	40.0243, -12.8387, -1.4127

Details

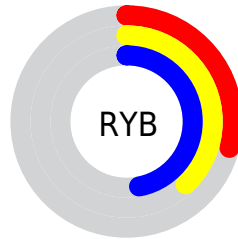
The CIELCh color $47, 15.837, 197.703$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $37, 20.250, 22.598$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 15.734, 198.110$, and $27, 15.719, 199.402$ is the 20% darker color. If you saturate the color by 10%, you get $46, 19.239, 197.338$, and if you desaturate by 10%, it is $48, 11.998, 198.117$.

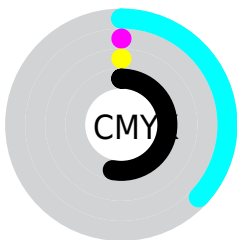
Distribution



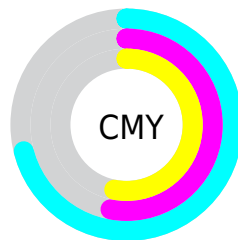
- Red (29%)
- Green (47%)
- Blue (47%)



- Red (29%)
- Yellow (38%)
- Blue (47%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (53%)





- Cyan (71%)
- Magenta (53%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 15.837, 197.703 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, 15.837, 197.703 by changing the saturation by 10% instead.


 47, 15.837,
197.703


 47, 15.837,
197.703


 100, 15.837,
197.703


 37, 15.837,
197.703

 67, 15.837,
197.703


 27, 15.837,
197.703

 77, 15.837,
197.703


 17, 15.837,
197.703


 87, 15.837,
197.703

 7, 15.837, 197.703

 97, 15.837,
197.703

 0, 15.837, 197.703

 47, 15.837,

 47, 15.837,

197.703

197.703

■ 46, 19.239,
197.338

■ 48, 11.998,
198.117

■ 46, 22.143,
197.035

■ 48, 7.790, 198.590

■ 46, 24.503,
196.791

■ 49, 3.284, 199.152

■ 50, 1.454, 19.307

■ 45, 26.295,
196.608

■ 51, 6.363, 20.062

■ 45, 27.526,
196.483

■ 53, 11.390, 20.663

■ 54, 16.490, 21.261

■ 45, 28.307,
196.405

■ 55, 21.629, 21.862

■ 45, 28.529,
196.382

■ 57, 26.777, 22.464

Harmonies

Complementary

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



47, 15.837, 197.703



37, 20.250, 22.598

Rectangle

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



47, 15.837, 197.703



47, 15.837, 247.703



47, 15.837, 17.703



47, 15.837, 67.703

Sweetspot

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



47, 15.837, 197.700



63, 6.382, 198.892



46, 31.474, 141.489



33, 4.310, 198.833



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



47, 15.837, 197.700



60, 22.639, 197.401



40, 14.954, 259.348



24, 2.606, 199.022



46, 29.111, 196.382



89, 49.355, 196.382

Inverse Universe

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



37, 20.250, 22.598



45, 30.803, 23.811



43, 16.692, 69.299



23, 2.751, 19.862



24, 59.041, 37.987



52, 102.985, 39.999

Previews

White Background



This preview shows how the CIELCh color 47, 15.837, 197.703 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, 15.837, 197.703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

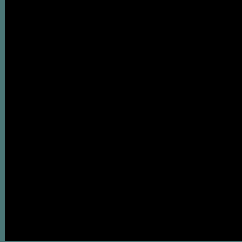
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

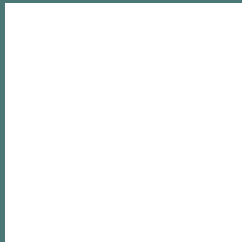
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 15.837, 197.703

Background



This preview shows how black text looks on a background with the CIELCh color 47, 15.837, 197.703.



This preview shows how white text looks on a background with the CIELCh color 47, 15.837, 197.703.

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



Original Color
47, 15.837, 197.703

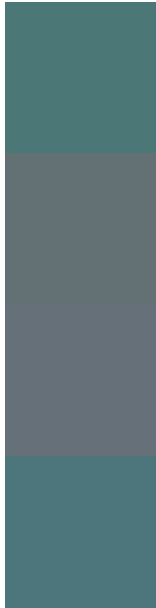
Protanopia
47, 2.519, 309.182

Deuteranopia
47, 8.539, 315.904



Tritanopia
47, 15.119, 218.786

Trichromacy



Original Color
47, 15.837, 197.703

Protanomaly
47, 5.697, 217.129

Deuteranomaly
47, 6.041, 251.042

Tritanomaly
47, 15.137, 211.572

Monochromacy



Original Color
47, 15.837, 197.703

Achromatopsia
45, 0.006, 296.813

Achromatomaly
46, 6.293, 198.730

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 15.837, 197.703 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(75, 119, 119)` looks like.

```
.text, #text, p{  
    color:rgb(75, 119, 119)  
}
```

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(75, 119, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 119, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 15.837, 197.703 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(75, 119, 119) }
```

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

```
.border{ border-color:rgb(75, 119, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 119, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 119, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 119, 119);  
box-shadow:4px 4px 4px 4px rgb(75, 119,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 15.837, 197.703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 119, 119) }
```

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

```
.background{ background-color: rgb(75, 119,  
119) }
```

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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