

Converting Colors

CIELCh(47, 15.392, 343.733)

Have a look what the booklet for
CIELCh(47, 15.392, 343.733)
contains.

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Color

CIELCh(47, 15.415, 343.748)

Conversions

Conversions Part 1

Format	Color
Hex	856777
RGB	133, 103, 119
RGB Percent	52%, 40%, 47%
CMY	0.4784, 0.5961, 0.5333
CMYK	0.00, 0.23, 0.11, 0.48
HSL	328°, 13%, 46%
HSV	328°, 23%, 52%
XYZ	17.8535, 16.0195, 19.6044
YIQ	113.7940, 12.7440, 11.3360

Conversions

Conversions Part 2

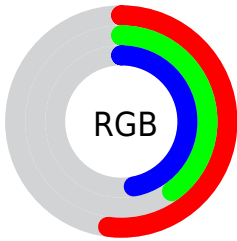
Format	Color
R_{YB}	133, 103, 119
Decimal	8742775
CIE _{Lab}	47.00, 14.80, -4.31
CIE _{LCh}	47, 15.415, 343.748
Yxy	16.0195, 0.3339, 0.2996
Android (android.graphics.Color)	4286932855 (0xFF856777)
YUV	113.7940, 2.5666, 16.8437
Hunter-Lab	40.0243, 9.5803, -1.0239

Details

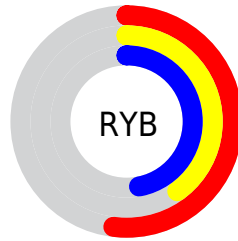
The CIELCh color $47, 15.415, 343.748$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $53, 15.062, 160.027$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 15.383, 343.415$, and $27, 15.344, 343.349$ is the 20% darker color. If you saturate the color by 10%, you get $43, 22.334, 344.731$, and if you desaturate by 10%, it is $51, 8.507, 342.858$.

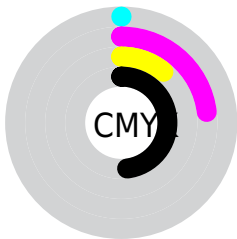
Distribution



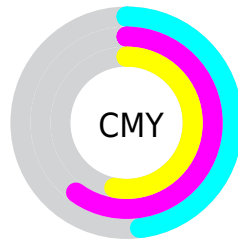
- Red (52%)
- Green (40%)
- Blue (47%)



- Red (52%)
- Yellow (40%)
- Blue (47%)



- Cyan (0%)
- Magenta (23%)
- Yellow (11%)
- Black (48%)




- Cyan (48%)
- Magenta (60%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 15.415, 343.748 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, 15.415, 343.748 by changing the saturation by 10% instead.


 47, 15.415,
343.748


 47, 15.415,
343.748


 100, 15.415,
343.748


 37, 15.415,
343.748

 67, 15.415,
343.748


 27, 15.415,
343.748

 77, 15.415,
343.748

 17, 15.415,
343.748


 87, 15.415,
343.748

 7, 15.415, 343.748

 97, 15.415,
343.748

 0, 15.415, 343.748

 47, 15.415,

 47, 15.415,

343.748

43, 22.334,
344.731

40, 29.117,
345.836

37, 35.543,
347.106

34, 41.324,
348.604

32, 46.131,
350.412

30, 49.656,
352.646

29, 51.720,
355.440

28, 52.818,
357.724

343.748

51, 8.507, 342.858

55, 1.714, 341.925

58, 4.907, 161.423

62, 11.328,
160.715

66, 17.536,
160.081

70, 23.534,
159.496

74, 29.329,
158.952

78, 34.932,
158.444

82, 40.355,

157.970

Harmonies

Complementary

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



47, 15.415, 343.748



53, 15.062, 160.027

Rectangle

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



47, 15.415, 343.748



47, 15.415, 33.748



47, 15.415, 163.748



47, 15.415, 213.748

Sweetspot

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



47, 15.413, 343.750



68, 5.857, 342.393



46, 18.722, 308.962



35, 3.792, 342.432



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



47, 15.413, 343.750



58, 22.977, 344.233



47, 12.831, 18.398



26, 3.798, 342.563



27, 51.983, 357.634



0, 0.901, 341.897

Inverse Universe

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



47, 15.413, 343.750



58, 22.977, 344.233



53, 11.212, 195.324



26, 3.798, 342.563



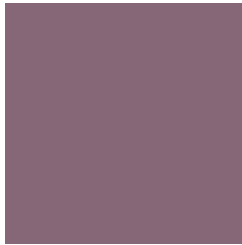
27, 51.983, 357.634



0, 0.901, 341.897

Previews

White Background



This preview shows how the CIELCh color 47, 15.415, 343.748 looks on a white background.

Color Contrast Check

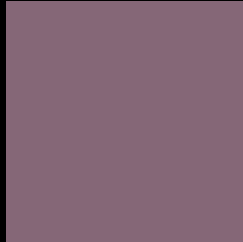
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 47, 15.415, 343.748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

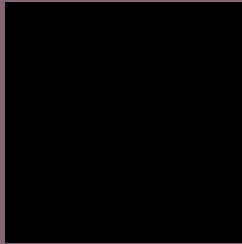
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 47, 15.415, 343.748

Background



This preview shows how black text looks on a background with the CIELCh color 47, 15.415, 343.748.



This preview shows how white text looks on a background with the CIELCh color 47, 15.415, 343.748.

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, 15.415, 343.748

Protanopia

47, 7.699, 288.340

Deuteranopia

47, 7.679, 329.941



Tritanopia
47, 12.550, 359.041

Trichromacy



Original Color
47, 15.415, 343.748

Protanomaly
47, 9.241, 316.632

Deuteranomaly
47, 10.498, 338.252

Tritanomaly
47, 13.220, 351.830

Monochromacy



Original Color
47, 15.415, 343.748

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 5.727, 341.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 15.415, 343.748 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(133, 103, 119)` looks like.

```
.text, #text, p{  
    color:rgb(133, 103, 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(133, 103, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 103, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 15.415, 343.748 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(133, 103, 119) }
```

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

```
.border{ border-color:rgb(133, 103, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 103, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 103, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 103, 119);  
box-shadow:4px 4px 4px 4px rgb(133, 103,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 15.415, 343.748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 103, 119) }
```

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

```
.background{ background-color: rgb(133,  
103, 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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