

Converting Colors

CIELCh(47, 16.850, 357.012)

Have a look what the booklet for
CIELCh(47, 16.850, 357.012)
contains.

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Color

CIELCh(47, 16.876, 357.034)

Conversions

Conversions Part 1

Format	Color
Hex	8A6571
RGB	138, 101, 113
RGB Percent	54%, 40%, 44%
CMY	0.4572, 0.6024, 0.5554
CMYK	0.00, 0.27, 0.18, 0.46
HSL	341°, 15%, 47%
HSV	341°, 27%, 54%
XYZ	18.2405, 16.0195, 17.8665
YIQ	113.4310, 18.2000, 11.5760

Conversions

Conversions Part 2

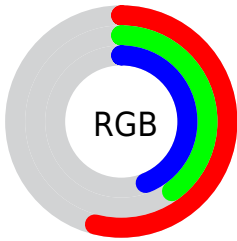
Format	Color
R_{YB}	138, 101, 113
Decimal	9069937
CIE Lab	47.00, 16.85, -0.87
CIE LCh	47, 16.876, 357.034
Yxy	16.0195, 0.3499, 0.3073
Android (android.graphics.Color)	4287260017 (0xFF8A6571)
YUV	113.4310, -0.2125, 21.5470
Hunter-Lab	40.0243, 11.3064, 1.5504

Details

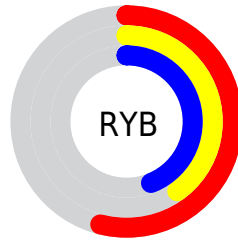
The CIELCh color $47, 16.876, 357.034$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $55, 15.743, 171.797$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 17.037, 356.338$, and $27, 16.562, 357.639$ is the 20% darker color. If you saturate the color by 10%, you get $43, 23.442, 358.389$, and if you desaturate by 10%, it is $51, 10.402, 355.875$.

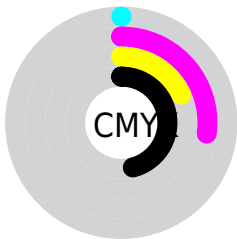
Distribution



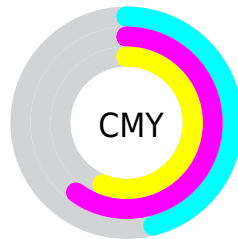
- Red (54%)
- Green (40%)
- Blue (44%)



- Red (54%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (27%)
- Yellow (18%)
- Black (46%)





- Cyan (46%)
- Magenta (60%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 16.876, 357.034 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, 16.876, 357.034 by changing the saturation by 10% instead.


 47, 16.876,
357.034


 47, 16.876,
357.034


 100, 16.876,
357.034


 37, 16.876,
357.034

 67, 16.876,
357.034


 27, 16.876,
357.034

 77, 16.876,
357.034

 17, 16.876,
357.034


 87, 16.876,
357.034

 7, 16.876, 357.034

 97, 16.876,
357.034

 0, 16.876, 357.034

 47, 16.876,

 47, 16.876,

357.034

357.034

43, 23.442,
358.389

51, 10.402,
355.875

40, 29.959, 0.001

55, 4.116, 354.826

37, 36.212, 1.967

59, 1.937, 174.219

34, 41.931, 4.408

63, 7.739, 173.297

32, 46.834, 7.478

67, 13.288,
172.573

30, 50.720, 11.334

71, 18.594,
171.924

29, 53.714, 15.961

28, 54.728, 17.439

76, 23.674,
171.335

80, 28.544,
170.795

84, 33.223,

Harmonies

Complementary

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



47, 16.876, 357.034



55, 15.743, 171.797

Rectangle

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



47, 16.876, 357.034



47, 16.876, 47.034



47, 16.876, 177.034



47, 16.876, 227.034

Sweetspot

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



47, 16.874, 357.037



70, 6.092, 354.976



47, 23.940, 315.774



36, 4.375, 355.118



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



47, 16.874, 357.037



58, 25.320, 357.816



48, 13.922, 35.824



27, 3.443, 355.077



27, 53.004, 17.190



0, 1.571, 354.302

Inverse Universe

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



47, 16.874, 357.037



58, 25.320, 357.816



53, 11.638, 216.337



27, 3.443, 355.077



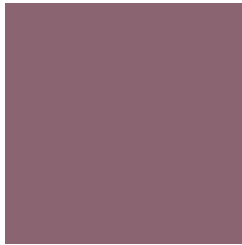
27, 53.004, 17.190



0, 1.571, 354.302

Previews

White Background



This preview shows how the CIELCh color 47, 16.876, 357.034 looks on a white background.

Color Contrast Check

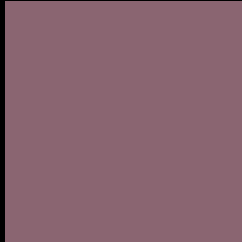
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.876, 357.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

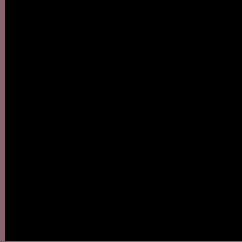
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 16.876, 357.034

Background



This preview shows how black text looks on a background with the CIELCh color 47, 16.876, 357.034.



This preview shows how white text looks on a background with the CIELCh color 47, 16.876, 357.034.

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, 16.876, 357.034

Protanopia

47, 4.761, 295.600

Deuteranopia

47, 6.245, 357.961



Tritanopia
47, 15.804, 4.268

Trichromacy



Original Color
47, 16.876, 357.034

Protanomaly
47, 7.809, 337.458

Deuteranomaly
47, 9.989, 356.319

Tritanomaly
47, 15.939, 2.220

Monochromacy



Original Color
47, 16.876, 357.034

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 6.469, 353.099

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 16.876, 357.034 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(138, 101, 113)` looks like.

```
.text, #text, p{  
    color:rgb(138, 101, 113)  
}
```

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(138, 101, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 101, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 16.876, 357.034 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(138, 101, 113) }
```

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

```
.border{ border-color:rgb(138, 101, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 101, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 101, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 101, 113);  
box-shadow:4px 4px 4px 4px rgb(138, 101,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 16.876, 357.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 101, 113) }
```

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

```
.background{ background-color: rgb(138,  
101, 113) }
```

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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