

Converting Colors

CIELCh(47, 11.295, 333.754)

Have a look what the booklet for
CIELCh(47, 11.295, 333.754)
contains.

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Color

CIELCh(47, 11.307, 333.788)

Conversions

Conversions Part 1

Format	Color
Hex	7D6A78
RGB	125, 106, 120
RGB Percent	49%, 42%, 47%
CMY	0.5099, 0.5844, 0.5295
CMYK	0.00, 0.15, 0.04, 0.51
HSL	316°, 8%, 45%
HSV	316°, 15%, 49%
XYZ	16.9969, 16.0195, 19.9607
YIQ	113.2770, 6.8300, 8.3820

Conversions

Conversions Part 2

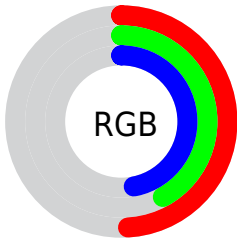
Format	Color
RYB	125, 106, 120
Decimal	8219256
CIELab	47.00, 10.14, -4.99
CIELCh	47, 11.307, 333.788
Yxy	16.0195, 0.3208, 0.3024
Android (android.graphics.Color)	4286409336 (0xFF7D6A78)
YUV	113.2770, 3.3144, 10.2811
Hunter-Lab	40.0243, 5.7602, -1.5518

Details

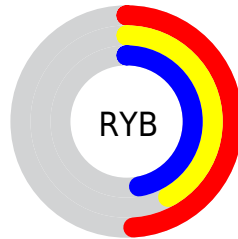
The CIELCh color $47, 11.307, 333.788$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 11.246, 151.829$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 11.508, 334.478$, and $27, 11.281, 333.100$ is the 20% darker color. If you saturate the color by 10%, you get $44, 18.808, 334.477$, and if you desaturate by 10%, it is $51, 3.842, 333.104$.

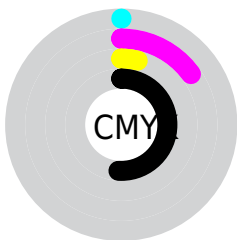
Distribution



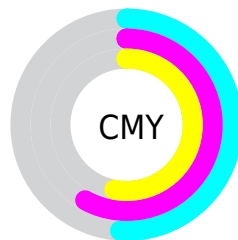
- Red (49%)
- Green (42%)
- Blue (47%)



- Red (49%)
- Yellow (42%)
- Blue (47%)



- Cyan (0%)
- Magenta (15%)
- Yellow (4%)
- Black (51%)



- Cyan (51%)
- Magenta (58%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 11.307, 333.788 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, 11.307, 333.788 by changing the saturation by 10% instead.

 47, 11.307,
333.788


 47, 11.307,
333.788


 100, 11.307,
333.788


 37, 11.307,
333.788

 67, 11.307,
333.788


 27, 11.307,
333.788

 77, 11.307,
333.788

 17, 11.307,
333.788


 87, 11.307,
333.788

 7, 11.307, 333.788

 97, 11.307,
333.788

 0, 11.307, 333.788

 47, 11.307,

 47, 11.307,

333.788

44, 18.808,
334.477

40, 26.222,
335.197

37, 33.365,
335.958

34, 39.990,
336.770

32, 45.793,
337.652

30, 50.449,
338.631

29, 53.672,
339.747

28, 55.406,
341.038

333.788

51, 3.842, 333.104

54, 3.500, 152.617

58, 10.672,
151.990

62, 17.648,
151.430

65, 24.418,
150.904

69, 30.982,
150.409

73, 37.347,
149.942

76, 43.521,
149.501

■ 27, 56.105,
341.669

■ 80, 49.516,
149.086

Harmonies

Complementary

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



47, 11.307, 333.788



51, 11.246, 151.829

Rectangle

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



47, 11.307, 333.788



47, 11.307, 23.788



47, 11.307, 153.788



47, 11.307, 203.788

Sweetspot

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



47, 11.305, 333.789



65, 4.595, 333.098



46, 11.499, 300.890



33, 3.120, 333.140



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, 11.305, 333.789



59, 16.679, 334.009



47, 8.373, 0.919



25, 4.244, 333.379



28, 56.895, 341.704



0, 0.000, 0.000

Inverse Universe

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



47, 11.305, 333.789



59, 16.679, 334.009



51, 7.969, 178.210



25, 4.244, 333.379



28, 56.895, 341.704



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 47, 11.307, 333.788 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, 11.307, 333.788 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, 11.307, 333.788

Background



This preview shows how black text looks on a background with the CIELCh color 47, 11.307, 333.788.



This preview shows how white text looks on a background with the CIELCh color 47, 11.307, 333.788.

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, 11.307, 333.788

Protanopia

47, 7.109, 288.011

Deuteranopia

47, 8.400, 322.633



Tritanopia
47, 8.426, 346.381

Trichromacy



Original Color
47, 11.307, 333.788

Protanomaly
47, 8.096, 308.181

Deuteranomaly
47, 9.569, 327.030

Tritanomaly
47, 9.116, 340.177

Monochromacy



Original Color
47, 11.307, 333.788

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 4.565, 328.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 11.307, 333.788 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(125, 106, 120)` looks like.

```
.text, #text, p{  
    color:rgb(125, 106, 120)  
}
```

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(125, 106, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 106, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 11.307, 333.788 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(125, 106, 120) }
```

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

```
.border{ border-color:rgb(125, 106, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 106, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 106, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 106, 120);  
box-shadow:4px 4px 4px 4px rgb(125, 106,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 11.307, 333.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 106, 120) }
```

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

```
.background{ background-color: rgb(125,  
106, 120) }
```

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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