

Converting Colors

CIELCh(47, 11.418, 340.689)

Have a look what the booklet for
CIELCh(47, 11.418, 340.689)
contains.

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Color

CIELCh(47, 11.110, 341.240)

Conversions

Conversions Part 1

Format	Color
Hex	7F6A76
RGB	127, 106, 118
RGB Percent	50%, 42%, 46%
CMY	0.5034, 0.5857, 0.5387
CMYK	0.00, 0.17, 0.07, 0.50
HSL	326°, 9%, 46%
HSV	326°, 17%, 50%
XYZ	17.0650, 16.0195, 19.2210
YIQ	113.6470, 8.6640, 8.1840

Conversions

Conversions Part 2

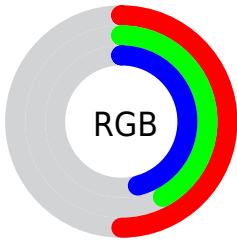
Format	Color
R_{YB}	127, 106, 118
Decimal	8350326
CIE Lab	47.00, 10.52, -3.57
CIE LCh	47, 11.110, 341.240
Yxy	16.0195, 0.3263, 0.3063
Android (android.graphics.Color)	4286540406 (0xFF7F6A76)
YUV	113.6470, 2.1460, 11.7106
Hunter-Lab	40.0243, 6.0637, -0.4560

Details

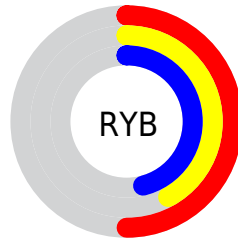
The CIELCh color $47, 11.110, 341.240$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 10.952, 158.720$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 11.335, 341.270$, and $27, 11.050, 341.409$ is the 20% darker color. If you saturate the color by 10%, you get $43, 17.916, 342.114$, and if you desaturate by 10%, it is $51, 4.365, 340.416$.

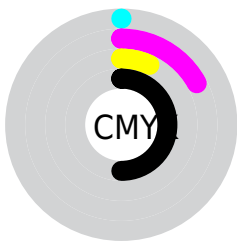
Distribution



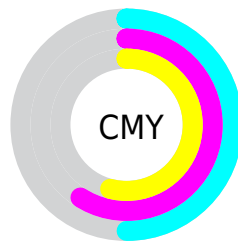
- Red (50%)
- Green (42%)
- Blue (46%)



- Red (50%)
- Yellow (42%)
- Blue (46%)



- Cyan (0%)
- Magenta (17%)
- Yellow (7%)
- Black (50%)





- Cyan (50%)
- Magenta (59%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 11.110, 341.240 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, 11.110, 341.240 by changing the saturation by 10% instead.


 47, 11.110,
341.240


 47, 11.110,
341.240


 100, 11.110,
341.240


 37, 11.110,
341.240

 67, 11.110,
341.240


 27, 11.110,
341.240

 77, 11.110,
341.240

 17, 11.110,
341.240


 87, 11.110,
341.240

 7, 11.110, 341.240

 97, 11.110,
341.240

 0, 11.110, 341.240

 47, 11.110,

 47, 11.110,

341.240

43, 17.916,
342.114

40, 24.671,
343.073

37, 31.199,
344.148

34, 37.260,
345.381

32, 42.554,
346.828

30, 46.762,
348.571

28, 49.615,
350.715

27, 51.177,
353.312

341.240

51, 4.365, 340.416

54, 2.242, 159.875

58, 8.670, 159.113

62, 14.902,
158.475

66, 20.931,
157.887

69, 26.762,
157.340

73, 32.403,
156.829

77, 37.866,
156.350

81, 43.163,

■ 27, 51.688,
354.212

155.901

Harmonies

Complementary

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



47, 11.110, 341.240



51, 10.952, 158.720

Rectangle

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



47, 11.110, 341.240



47, 11.110, 31.240



47, 11.110, 161.240



47, 11.110, 211.240

Sweetspot

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



47, 11.108, 341.242



66, 4.133, 340.290



46, 12.991, 306.915



34, 2.844, 340.342



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



47, 11.108, 341.242



59, 16.754, 341.574



47, 8.881, 13.840



25, 3.774, 340.627



27, 51.936, 354.237



0, 0.000, 0.000

Inverse Universe

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



47, 11.108, 341.242



59, 16.754, 341.574



51, 8.146, 191.379



25, 3.774, 340.627



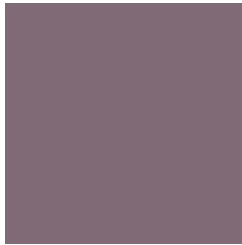
27, 51.936, 354.237



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 47, 11.110, 341.240 looks on a white background.

Color Contrast Check

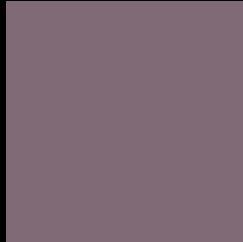
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.110, 341.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

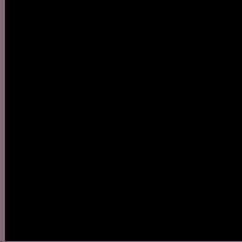
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 11.110, 341.240

Background



This preview shows how black text looks on a background with the CIELCh color 47, 11.110, 341.240.



This preview shows how white text looks on a background with the CIELCh color 47, 11.110, 341.240.

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, 11.110, 341.240

Protanopia

47, 5.922, 290.987

Deuteranopia

47, 7.238, 332.929



Tritanopia
47, 9.493, 350.813

Trichromacy



Original Color
47, 11.110, 341.240

Protanomaly
47, 7.291, 316.941

Deuteranomaly
47, 8.514, 336.472

Tritanomaly
47, 9.782, 347.779

Monochromacy



Original Color
47, 11.110, 341.240

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 4.415, 337.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 11.110, 341.240 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(127, 106, 118)` looks like.

```
.text, #text, p{  
    color:rgb(127, 106, 118)  
}
```

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(127, 106, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 106, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 11.110, 341.240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

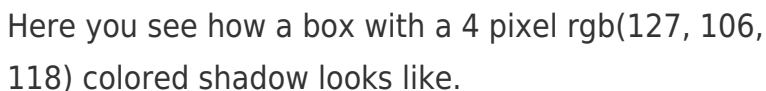
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 106, 118) }
```

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

```
.border{ border-color:rgb(127, 106, 118) }
```

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



Here you see how a box with a 4 pixel rgb(127, 106, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 106, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 106, 118);  
box-shadow:4px 4px 4px 4px rgb(127, 106,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 11.110, 341.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 106, 118) }
```

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

```
.background{ background-color: rgb(127,  
106, 118) }
```

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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