

Converting Colors

CIELCh(47, 18.613, 11.618)

Have a look what the booklet for
CIELCh(47, 18.613, 11.618) contains.

CIELCh(47, 18.631, 11.079)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(47, 18.631, 11.079)

Conversions

Conversions Part 1

Format	Color
Hex	8F646A
RGB	143, 100, 106
RGB Percent	56%, 39%, 42%
CMY	0.4389, 0.6075, 0.5840
CMYK	0.00, 0.30, 0.26, 0.44
HSL	352°, 18%, 48%
HSV	352°, 30%, 56%
XYZ	18.5133, 16.0195, 15.7740
YIQ	113.5410, 23.7020, 10.9820

Conversions

Conversions Part 2

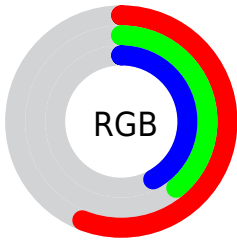
Format	Color
R_{YB}	143, 100, 106
Decimal	9397354
CIE _{Lab}	47.00, 18.28, 3.58
CIE _{LCh}	47, 18.631, 11.079
Yxy	16.0195, 0.3680, 0.3184
Android (android.graphics.Color)	4287587434 (0xFF8F646A)
YUV	113.5410, -3.7177, 25.8355
Hunter-Lab	40.0243, 12.5228, 4.6503

Details

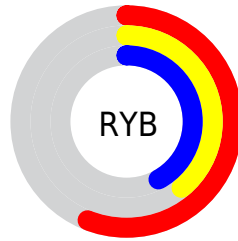
The CIELCh color $47, 18.631, 11.079$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $56, 16.122, 185.507$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 18.862, 11.253$, and $27, 18.262, 11.150$ is the 20% darker color. If you saturate the color by 10%, you get $43, 25.411, 12.610$, and if you desaturate by 10%, it is $51, 12.102, 9.833$.

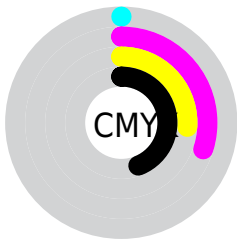
Distribution



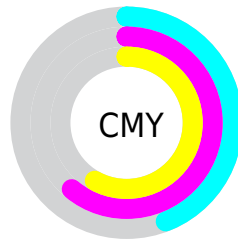
- Red (56%)
- Green (39%)
- Blue (42%)



- Red (56%)
- Yellow (39%)
- Blue (42%)



- Cyan (0%)
- Magenta (30%)
- Yellow (26%)
- Black (44%)



- Cyan (44%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 18.631, 11.079 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, 18.631, 11.079 by changing the saturation by 10% instead.

■ 47, 18.631, 11.079

■ 47, 18.631, 11.079

■ 100, 18.631,
11.079

■ 37, 18.631, 11.079

■ 67, 18.631, 11.079

■ 27, 18.631, 11.079

■ 77, 18.631, 11.079

■ 17, 18.631, 11.079

■ 87, 18.631, 11.079

■ 7, 18.631, 11.079

■ 97, 18.631, 11.079

■ 0, 18.631, 11.079

■ 47, 18.631, 11.079

■ 47, 18.631, 11.079

■ 43, 25.411, 12.610

■ 51, 12.102, 9.833

■ 40, 32.324, 14.510

■ 55, 5.894, 8.773

36, 39.184, 16.902

59, 0.034, 355.626

34, 45.764, 19.915

64, 5.485, 187.320

32, 51.841, 23.650

68, 10.676,
186.646

30, 57.262, 28.074

72, 15.565,
186.075

29, 62.192, 32.506

77, 20.181,
185.574

81, 24.552,
185.128

85, 28.704,
184.727

Harmonies

Complementary

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



47, 18.631, 11.079



56, 16.122, 185.507

Rectangle

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



47, 18.631, 11.079



47, 18.631, 61.079



47, 18.631, 191.079



47, 18.631, 241.079

Sweetspot

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



47, 18.629, 11.083



71, 6.524, 8.686



48, 28.863, 321.624



37, 4.587, 8.820



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



47, 18.629, 11.083



57, 28.106, 12.071



51, 15.154, 55.367



28, 3.296, 8.685



27, 59.492, 32.214



0, 2.170, 7.970

Inverse Universe

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



47, 18.629, 11.083



57, 28.106, 12.071



52, 12.975, 241.271



28, 3.296, 8.685



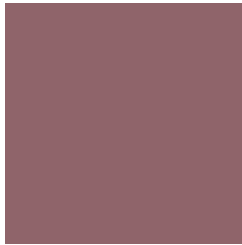
27, 59.492, 32.214



0, 2.170, 7.970

Previews

White Background



This preview shows how the CIELCh color 47, 18.631, 11.079 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, 18.631, 11.079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

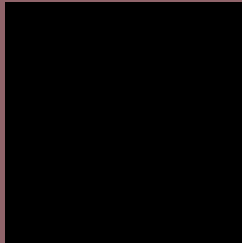
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 18.631, 11.079

Background



This preview shows how black text looks on a background with the CIELCh color 47, 18.631, 11.079.



This preview shows how white text looks on a background with the CIELCh color 47, 18.631, 11.079.

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, 18.631, 11.079

Protanopia

47, 1.016, 343.524

Deuteranopia

47, 7.415, 33.916



Tritanopia
47, 18.684, 9.298

Trichromacy



Original Color
47, 18.631, 11.079

Protanomaly
47, 7.290, 6.260

Deuteranomaly
47, 11.505, 20.804

Tritanomaly
47, 18.684, 9.298

Monochromacy



Original Color
47, 18.631, 11.079

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 6.749, 10.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 18.631, 11.079 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(143, 100, 106)` looks like.

```
.text, #text, p{  
    color:rgb(143, 100, 106)  
}
```

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(143, 100, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 100, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 18.631, 11.079 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(143, 100, 106) }
```

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

```
.border{ border-color:rgb(143, 100, 106) }
```

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

Here you see how a box with a 4 pixel rgb(143, 100, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 100, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 100, 106);  
box-shadow:4px 4px 4px 4px rgb(143, 100,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 18.631, 11.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 100, 106) }
```

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

```
.background{ background-color: rgb(143,  
100, 106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor