

Converting Colors

CIELCh(47, 20.239, 350.585)

Have a look what the booklet for
CIELCh(47, 20.239, 350.585)
contains.

CIELCh(47, 20.759, 349.811)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(47, 20.759, 349.811)

Conversions

Conversions Part 1

Format	Color
Hex	8E6376
RGB	142, 99, 118
RGB Percent	56%, 39%, 46%
CMY	0.4426, 0.6113, 0.5368
CMYK	0.00, 0.30, 0.17, 0.44
HSL	333°, 18%, 47%
HSV	333°, 30%, 56%
XYZ	18.9279, 16.0195, 19.2720
YIQ	114.0230, 19.5290, 15.0250

Conversions

Conversions Part 2

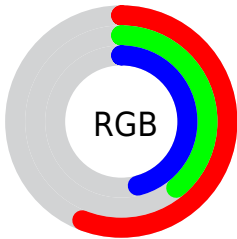
Format	Color
R _Y B	142, 99, 118
Decimal	9331574
CIE Lab	47.00, 20.43, -3.67
CIE LCh	47, 20.759, 349.811
Yxy	16.0195, 0.3491, 0.2955
Android (android.graphics.Color)	4287521654 (0xFF8E6376)
YUV	114.0230, 1.9607, 24.5358
Hunter-Lab	40.0243, 14.3720, -0.5315

Details

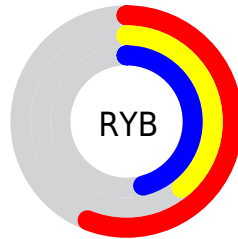
The CIELCh color $47, 20.759, 349.811$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $56, 19.783, 164.108$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 20.744, 349.546$, and $27, 20.636, 349.903$ is the 20% darker color. If you saturate the color by 10%, you get $43, 27.687, 351.063$, and if you desaturate by 10%, it is $51, 13.781, 348.723$.

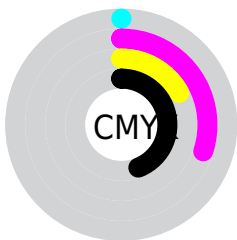
Distribution



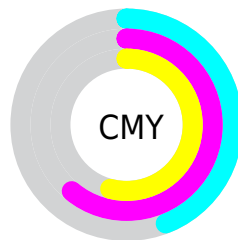
- Red (56%)
- Green (39%)
- Blue (46%)



- Red (56%)
- Yellow (39%)
- Blue (46%)



- Cyan (0%)
- Magenta (30%)
- Yellow (17%)
- Black (44%)





- Cyan (44%)
- Magenta (61%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 20.759, 349.811 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, 20.759, 349.811 by changing the saturation by 10% instead.


 47, 20.759,
349.811


 47, 20.759,
349.811


 100, 20.759,
349.811


 37, 20.759,
349.811

 67, 20.759,
349.811


 27, 20.759,
349.811

 77, 20.759,
349.811

 17, 20.759,
349.811

 87, 20.759,
349.811

 7, 20.759, 349.811

 97, 20.759,
349.811

 0, 20.759, 349.811

 47, 20.759,

 47, 20.759,

349.811

349.811

43, 27.687,
351.063

51, 13.781,
348.723

40, 34.368,
352.531

55, 6.894, 347.743

37, 40.527,
354.296

59, 0.176, 345.049

63, 6.328, 166.214

34, 45.836,
356.467

67, 12.601,
165.482

32, 49.979,
359.185

72, 18.640,
164.826

31, 52.763, 2.612

76, 24.452,
164.224

30, 54.635, 6.484

80, 30.051,
163.668

84, 35.451,

Harmonies

Complementary

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



47, 20.759, 349.811



56, 19.783, 164.108

Rectangle

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



47, 20.759, 349.811



47, 20.759, 39.811



47, 20.759, 169.811



47, 20.759, 219.811

Sweetspot

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



47, 20.757, 349.813



70, 7.442, 347.641



46, 27.147, 312.144



36, 5.162, 347.764



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, 20.757, 349.813



57, 30.508, 350.603



47, 17.922, 25.634



28, 3.803, 347.641



28, 52.674, 6.239



1, 2.537, 346.908

Inverse Universe

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



47, 20.757, 349.813



57, 30.508, 350.603



55, 14.593, 202.920



28, 3.803, 347.641



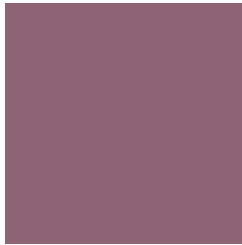
28, 52.674, 6.239



1, 2.537, 346.908

Previews

White Background



This preview shows how the CIELCh color 47, 20.759, 349.811 looks on a white background.

Color Contrast Check

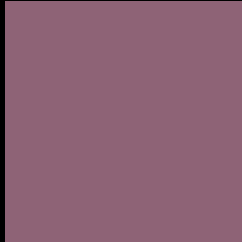
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.759, 349.811 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, 20.759, 349.811

Background



This preview shows how black text looks on a background with the CIELCh color 47, 20.759, 349.811.



This preview shows how white text looks on a background with the CIELCh color 47, 20.759, 349.811.

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, 20.759, 349.811

Protanopia

47, 8.290, 288.634

Deuteranopia

47, 6.820, 336.304



Tritanopia
47, 17.389, 8.131

Trichromacy



Original Color
47, 20.759, 349.811

Protanomaly
47, 10.752, 325.069

Deuteranomaly
47, 11.768, 343.942

Tritanomaly
47, 18.450, 359.545

Monochromacy



Original Color
47, 20.759, 349.811

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 7.102, 350.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 20.759, 349.811 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(142, 99, 118)` looks like.

```
.text, #text, p{  
    color:rgb(142, 99, 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(142, 99, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 99, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 20.759, 349.811 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(142, 99, 118) }
```

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

```
.border{ border-color:rgb(142, 99, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 99, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 99, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 99, 118);  
box-shadow:4px 4px 4px 4px rgb(142, 99,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 20.759, 349.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 99, 118) }
```

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

```
.background{ background-color: rgb(142, 99,  
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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