

Converting Colors

CIELCh(47, 19.585, 356.751)

Have a look what the booklet for
CIELCh(47, 19.585, 356.751)
contains.

CIELCh(47, 19.201, 356.776)	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, 19.201, 356.776)

Conversions

Conversions Part 1

Format	Color
Hex	8E6472
RGB	142, 100, 114
RGB Percent	56%, 39%, 45%
CMY	0.4440, 0.6086, 0.5537
CMYK	0.00, 0.30, 0.20, 0.44
HSL	340°, 17%, 47%
HSV	340°, 30%, 56%
XYZ	18.6837, 16.0195, 17.9679
YIQ	114.1540, 20.5380, 13.2580

Conversions

Conversions Part 2

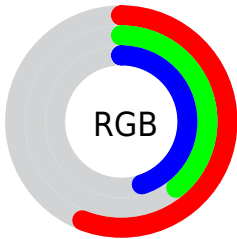
Format	Color
R_{YB}	142, 100, 114
Decimal	9331826
CIE _{Lab}	47.00, 19.17, -1.08
CIE _{LCh}	47, 19.201, 356.776
Yxy	16.0195, 0.3547, 0.3041
Android (android.graphics.Color)	4287521906 (0xFF8E6472)
YUV	114.1540, -0.0759, 24.4209
Hunter-Lab	40.0243, 13.2830, 1.4003

Details

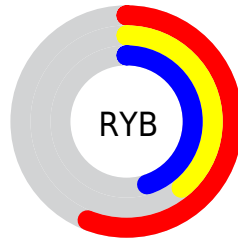
The CIELCh color $47, 19.201, 356.776$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $56, 17.818, 170.870$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 19.232, 356.028$, and $27, 19.036, 357.603$ is the 20% darker color. If you saturate the color by 10%, you get $43, 25.912, 358.190$, and if you desaturate by 10%, it is $51, 12.538, 355.574$.

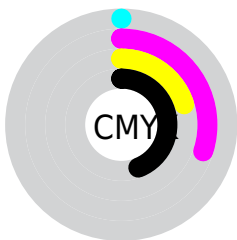
Distribution



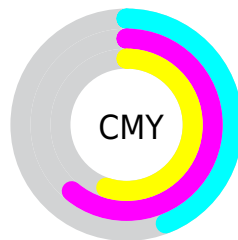
- Red (56%)
- Green (39%)
- Blue (45%)



- Red (56%)
- Yellow (39%)
- Blue (45%)



- Cyan (0%)
- Magenta (30%)
- Yellow (20%)
- Black (44%)





- Cyan (44%)
- Magenta (61%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 19.201, 356.776 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, 19.201, 356.776 by changing the saturation by 10% instead.


 47, 19.201,
356.776


 47, 19.201,
356.776


 100, 19.201,
356.776


 37, 19.201,
356.776

 67, 19.201,
356.776


 27, 19.201,
356.776

 77, 19.201,
356.776


 17, 19.201,
356.776


 87, 19.201,
356.776

 7, 19.201, 356.776

 97, 19.201,
356.776

 0, 19.201, 356.776

 47, 19.201,

 47, 19.201,

356.776

356.776

43, 25.912,
358.190

51, 12.538,
355.574

40, 32.506,
359.882

55, 6.039, 354.509

37, 38.740, 1.955

59, 0.237, 175.186

34, 44.322, 4.541

63, 6.262, 172.909

32, 48.974, 7.799

68, 12.031,
172.154

30, 52.537, 11.881

72, 17.550,
171.485

29, 55.428, 16.554

76, 22.834,
170.878

29, 55.550, 16.730

80, 27.899,
170.323

84, 32.764,

Harmonies

Complementary

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



47, 19.201, 356.776



56, 17.818, 170.870

Rectangle

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



47, 19.201, 356.776



47, 19.201, 46.776



47, 19.201, 176.776



47, 19.201, 226.776

Sweetspot

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



47, 19.199, 356.779



70, 6.979, 354.465



46, 26.994, 315.365



36, 4.844, 354.599



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, 19.199, 356.779



57, 29.025, 357.762



48, 16.093, 34.309



28, 3.566, 354.465



28, 53.595, 16.457



0, 2.370, 353.687

Inverse Universe

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



47, 19.199, 356.779



57, 29.025, 357.762



54, 13.143, 214.374



28, 3.566, 354.465



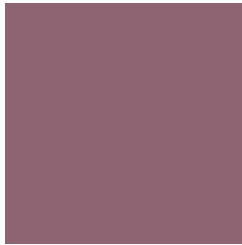
28, 53.595, 16.457



0, 2.370, 353.687

Previews

White Background



This preview shows how the CIE LCh color 47, 19.201, 356.776 looks on a white background.

Color Contrast Check

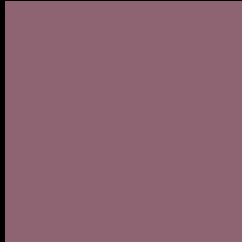
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.201, 356.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

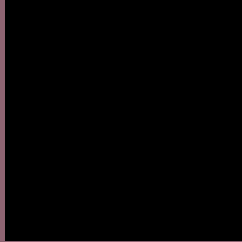
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 19.201, 356.776

Background



This preview shows how black text looks on a background with the CIELCh color 47, 19.201, 356.776.



This preview shows how white text looks on a background with the CIELCh color 47, 19.201, 356.776.

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, 19.201, 356.776

Protanopia

47, 5.922, 290.987

Deuteranopia

47, 6.245, 357.961



Tritanopia
47, 17.389, 8.131

Trichromacy



Original Color
47, 19.201, 356.776

Protanomaly
47, 8.927, 333.728

Deuteranomaly
47, 10.989, 355.444

Tritanomaly
47, 17.587, 4.369

Monochromacy



Original Color
47, 19.201, 356.776

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 6.841, 354.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 19.201, 356.776 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, 100, 114)` looks like.

```
.text, #text, p{  
    color:rgb(142, 100, 114)  
}
```

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, 100, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 100, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 19.201, 356.776 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, 100, 114) }
```

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

```
.border{ border-color:rgb(142, 100, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 100, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 100, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 100, 114);  
box-shadow:4px 4px 4px 4px rgb(142, 100,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 19.201, 356.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 100, 114) }
```

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

```
.background{ background-color: rgb(142,  
100, 114) }
```

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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