

Converting Colors

CIELCh(47, 26.183, 16.677)

Have a look what the booklet for
CIELCh(47, 26.183, 16.677) contains.

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Color

CIELCh(47, 26.201, 16.711)

Conversions

Conversions Part 1

Format	Color
Hex	9B5F64
RGB	155, 95, 100
RGB Percent	61%, 37%, 39%
CMY	0.3929, 0.6281, 0.6085
CMYK	0.00, 0.39, 0.36, 0.39
HSL	355°, 24%, 49%
HSV	355°, 39%, 61%
XYZ	19.8493, 16.0195, 14.0589
YIQ	113.5100, 34.1550, 14.2750

Conversions

Conversions Part 2

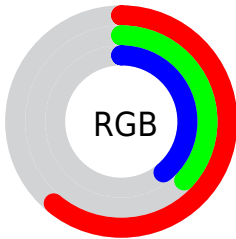
Format	Color
R_{YB}	155, 95, 100
Decimal	10182500
CIE _{Lab}	47.00, 25.09, 7.53
CIE _{LCh}	47, 26.201, 16.711
Yxy	16.0195, 0.3976, 0.3209
Android (android.graphics.Color)	4288372580 (0xFF9B5F64)
YUV	113.5100, -6.6604, 36.3867
Hunter-Lab	40.0243, 18.4811, 7.1908

Details

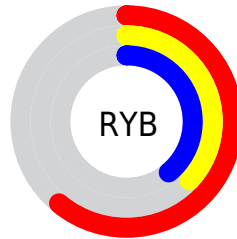
The CIELCh color **47, 26.201, 16.711** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **60, 20.962, 189.712**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 26.274, 16.127**, and **27, 26.482, 15.869** is the 20% darker color. If you saturate the color by 10%, you get **43, 33.755, 18.545**, and if you desaturate by 10%, it is **51, 18.890, 15.264**.

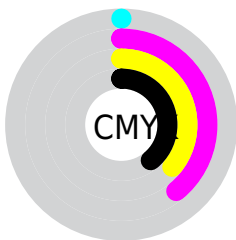
Distribution



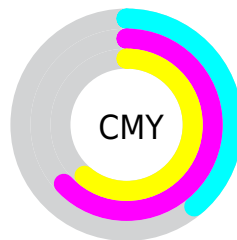
- Red (61%)
- Green (37%)
- Blue (39%)



- Red (61%)
- Yellow (37%)
- Blue (39%)



- Cyan (0%)
- Magenta (39%)
- Yellow (36%)
- Black (39%)



- Cyan (39%)
- Magenta (63%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 26.201, 16.711 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, 26.201, 16.711 by changing the saturation by 10% instead.

■ 47, 26.201, 16.711

■ 47, 26.201, 16.711

■ 100, 26.201,
16.711

■ 37, 26.201, 16.711

■ 67, 26.201, 16.711

■ 27, 26.201, 16.711

■ 77, 26.201, 16.711

■ 17, 26.201, 16.711

■ 87, 26.201, 16.711

■ 7, 26.201, 16.711

■ 97, 26.201, 16.711

■ 0, 26.201, 16.711

■ 47, 26.201, 16.711

■ 47, 26.201, 16.711

■ 43, 33.755, 18.545

■ 51, 18.890, 15.264

■ 40, 41.383, 20.870

■ 55, 11.936, 14.095

37, 48.852, 23.809

60, 5.388, 13.112

34, 55.913, 27.425

64, 0.746, 193.020

33, 62.315, 31.605

69, 6.480, 191.844

32, 67.837, 35.663

74, 11.842,
191.264

32, 68.488, 36.062

78, 16.866,
190.780

83, 21.588,
190.363

88, 26.043,
189.999

Harmonies

Complementary

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



47, 26.201, 16.711



60, 20.962, 189.712

Rectangle

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



47, 26.201, 16.711



47, 26.201, 66.711



47, 26.201, 196.711



47, 26.201, 246.711

Sweetspot

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



47, 26.199, 16.715



74, 9.270, 13.443



48, 40.042, 323.515



39, 6.222, 13.557



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



47, 26.199, 16.715



57, 39.323, 18.174



53, 21.466, 60.136



30, 3.455, 13.157



28, 63.386, 35.615



1, 3.627, 12.619

Inverse Universe

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



47, 26.199, 16.715



57, 39.323, 18.174



53, 17.981, 249.599



30, 3.455, 13.157



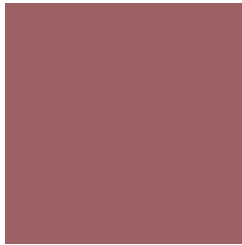
28, 63.386, 35.615



1, 3.627, 12.619

Previews

White Background



This preview shows how the CIELCh color 47, 26.201, 16.711 looks on a white background.

Color Contrast Check

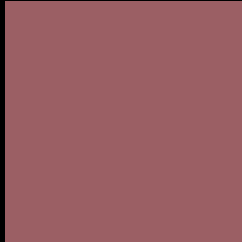
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.201, 16.711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

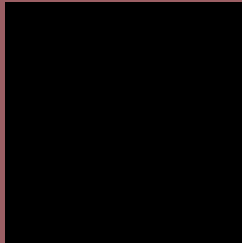
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 26.201, 16.711

Background



This preview shows how black text looks on a background with the CIELCh color 47, 26.201, 16.711.



This preview shows how white text looks on a background with the CIELCh color 47, 26.201, 16.711.

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, 26.201, 16.711

Protanopia

47, 2.016, 55.145

Deuteranopia

47, 10.542, 53.953



Tritanopia
47, 26.156, 14.169

Trichromacy



Original Color
47, 26.201, 16.711

Protanomaly
47, 10.176, 17.344

Deuteranomaly
47, 15.494, 29.892

Tritanomaly
47, 26.171, 15.441

Monochromacy



Original Color
47, 26.201, 16.711

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 9.319, 13.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 26.201, 16.711 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(155, 95, 100)` looks like.

```
.text, #text, p{  
    color:rgb(155, 95, 100)  
}
```

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(155, 95, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 95, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 26.201, 16.711 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(155, 95, 100) }
```

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

```
.border{ border-color:rgb(155, 95, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 95, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 95, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 95, 100);  
box-shadow:4px 4px 4px 4px rgb(155, 95,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 26.201, 16.711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 95, 100) }
```

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

```
.background{ background-color: rgb(155, 95,  
100) }
```

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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