

Converting Colors

CIELCh(47, 24.566, 22.790)

Have a look what the booklet for
CIELCh(47, 24.566, 22.790) contains.

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Color

CIELCh(47, 24.323, 23.956)

Conversions

Conversions Part 1

Format	Color
Hex	986160
RGB	152, 97, 96
RGB Percent	60%, 38%, 38%
CMY	0.4046, 0.6202, 0.6241
CMYK	0.00, 0.36, 0.37, 0.40
HSL	1°, 23%, 49%
HSV	1°, 37%, 60%
XYZ	19.2794, 16.0195, 13.1042
YIQ	113.3310, 33.1010, 11.3490

Conversions

Conversions Part 2

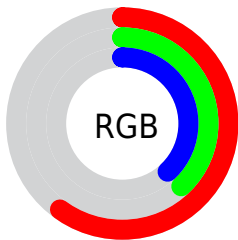
Format	Color
RYB	152, 97, 96
Decimal	9986400
CIELab	47.00, 22.23, 9.88
CIELCh	47, 24.323, 23.956
Yxy	16.0195, 0.3983, 0.3310
Android (android.graphics.Color)	4288176480 (0xFF986160)
YUV	113.3310, -8.5442, 33.9127
Hunter-Lab	40.0243, 15.9394, 8.6051

Details

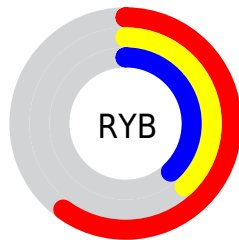
The CIELCh color **47, 24.323, 23.956** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **59, 18.859, 199.444**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 24.507, 24.286**, and **27, 24.156, 24.389** is the 20% darker color. If you saturate the color by 10%, you get **43, 31.969, 25.456**, and if you desaturate by 10%, it is **51, 17.087, 22.812**.

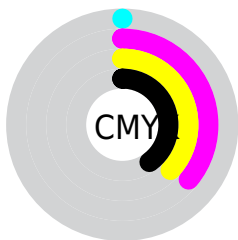
Distribution



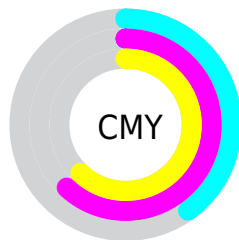
- Red (60%)
- Green (38%)
- Blue (38%)



- Red (60%)
- Yellow (38%)
- Blue (38%)



- Cyan (0%)
- Magenta (36%)
- Yellow (37%)
- Black (40%)



- Cyan (40%)
- Magenta (62%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 24.323, 23.956 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, 24.323, 23.956 by changing the saturation by 10% instead.

■ 47, 24.323, 23.956

■ 47, 24.323, 23.956

■ 100, 24.323,
23.956

■ 37, 24.323, 23.956

■ 67, 24.323, 23.956

■ 27, 24.323, 23.956

■ 77, 24.323, 23.956

■ 17, 24.323, 23.956

■ 87, 24.323, 23.956

■ 7, 24.323, 23.956

■ 97, 24.323, 23.956

■ 0, 24.323, 23.956

■ 47, 24.323, 23.956

■ 47, 24.323, 23.956

■ 43, 31.969, 25.456

■ 51, 17.087, 22.812

■ 40, 39.907, 27.393

■ 55, 10.324, 21.923

37, 47.943, 29.855

60, 4.044, 21.185

34, 55.792, 32.839

64, 1.770, 201.034

32, 62.993, 36.101

69, 7.155, 200.440

31, 68.661, 38.962

73, 12.150,
200.099

31, 70.247, 39.760

78, 16.800,
199.841

82, 21.146,
199.639

87, 25.224,
199.479

Harmonies

Complementary

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



47, 24.323, 23.956



59, 18.859, 199.444

Rectangle

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



47, 24.323, 23.956



47, 24.323, 73.956



47, 24.323, 203.956



47, 24.323, 253.956

Sweetspot

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



47, 24.321, 23.960



73, 8.120, 21.499



49, 38.026, 326.841



38, 5.526, 21.588



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



47, 24.321, 23.960



56, 36.774, 25.122



54, 20.643, 72.637



30, 3.378, 21.357



29, 65.865, 39.356



1, 3.532, 20.895

Inverse Universe

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



59, 18.859, 199.444



74, 26.752, 199.223



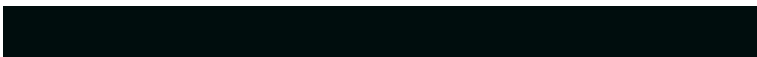
51, 18.850, 263.219



32, 3.191, 200.570



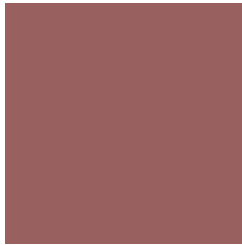
52, 31.337, 199.143



3, 3.523, 201.148

Previews

White Background



This preview shows how the CIELCh color 47, 24.323, 23.956 looks on a white background.

Color Contrast Check

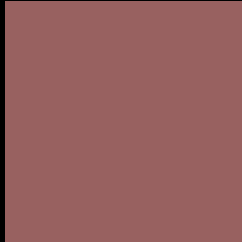
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.323, 23.956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

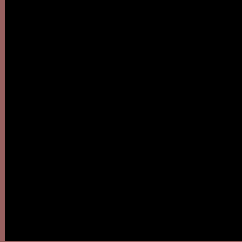
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 24.323, 23.956

Background



This preview shows how black text looks on a background with the CIELCh color 47, 24.323, 23.956.



This preview shows how white text looks on a background with the CIELCh color 47, 24.323, 23.956.

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, 24.323, 23.956

Protanopia

47, 5.154, 85.421

Deuteranopia

47, 12.461, 61.252



Tritanopia
47, 24.387, 13.220

Trichromacy



Original Color
47, 24.323, 23.956

Protanomaly
47, 10.580, 39.893

Deuteranomaly
47, 15.609, 40.665

Tritanomaly
47, 24.438, 17.313

Monochromacy



Original Color
47, 24.323, 23.956

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 8.429, 20.393

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 24.323, 23.956 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(152, 97, 96)` looks like.

```
.text, #text, p{  
    color:rgb(152, 97, 96)  
}
```

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(152, 97, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 97, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 24.323, 23.956 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(152, 97, 96) }
```

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

```
.border{ border-color:rgb(152, 97, 96) }
```

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

Here you see how a box with a 4 pixel rgb(152, 97, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 97, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 97, 96);  
box-shadow:4px 4px 4px 4px rgb(152, 97,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 24.323, 23.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 97, 96) }
```

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

```
.background{ background-color: rgb(152, 97,  
96) }
```

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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