

Converting Colors

CIELCh(47, 27.329, 25.398)

Have a look what the booklet for
CIELCh(47, 27.329, 25.398) contains.

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Color

CIELCh(47, 27.251, 25.435)

Conversions

Conversions Part 1

Format	Color
Hex	9C5F5D
RGB	156, 95, 93
RGB Percent	61%, 37%, 36%
CMY	0.3886, 0.6277, 0.6356
CMYK	0.00, 0.39, 0.40, 0.39
HSL	2°, 25%, 49%
HSV	2°, 40%, 61%
XYZ	19.7521, 16.0195, 12.3899
YIQ	113.0110, 36.9980, 12.3100

Conversions

Conversions Part 2

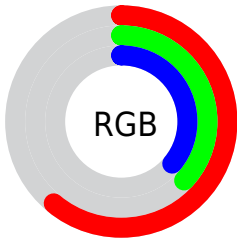
Format	Color
R_{YB}	156, 95, 93
Decimal	10248029
CIE Lab	47.00, 24.61, 11.70
CIE LCh	47, 27.251, 25.435
Yxy	16.0195, 0.4101, 0.3326
Android (android.graphics.Color)	4288438109 (0xFF9C5F5D)
YUV	113.0110, -9.8654, 37.7014
Hunter-Lab	40.0243, 18.0477, 9.6633

Details

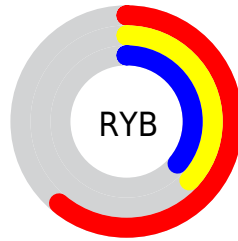
The CIELCh color **47, 27.251, 25.435** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **60, 20.485, 200.793**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 27.194, 25.449**, and **27, 27.311, 25.251** is the 20% darker color. If you saturate the color by 10%, you get **43, 35.132, 26.999**, and if you desaturate by 10%, it is **51, 19.770, 24.246**.

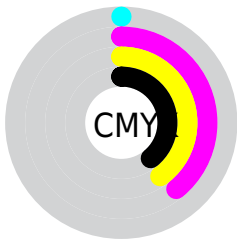
Distribution



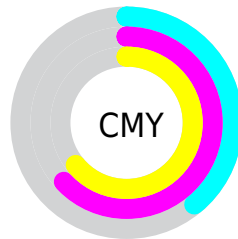
- Red (61%)
- Green (37%)
- Blue (36%)



- Red (61%)
- Yellow (37%)
- Blue (36%)



- Cyan (0%)
- Magenta (39%)
- Yellow (40%)
- Black (39%)



- Cyan (39%)
- Magenta (63%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 27.251, 25.435 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, 27.251, 25.435 by changing the saturation by 10% instead.

■ 47, 27.251, 25.435

■ 47, 27.251, 25.435

■ 100, 27.251,
25.435

■ 37, 27.251, 25.435

■ 67, 27.251, 25.435

■ 27, 27.251, 25.435

■ 77, 27.251, 25.435

■ 17, 27.251, 25.435

■ 87, 27.251, 25.435

■ 7, 27.251, 25.435

■ 97, 27.251, 25.435

■ 0, 27.251, 25.435

■ 47, 27.251, 25.435

■ 47, 27.251, 25.435

■ 43, 35.132, 26.999

■ 51, 19.770, 24.246

■ 40, 43.279, 29.013

■ 55, 12.765, 23.332

37, 51.472, 31.539

60, 6.257, 22.610

35, 59.378, 34.511

64, 0.232, 20.174

33, 66.372, 37.539

69, 5.343, 201.854

32, 71.570, 40.066

73, 10.508,
201.508

78, 15.309,
201.262

82, 19.788,
201.078

87, 23.983,
200.938

Harmonies

Complementary

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



47, 27.251, 25.435



60, 20.485, 200.793

Rectangle

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



47, 27.251, 25.435



47, 27.251, 75.435



47, 27.251, 205.435



47, 27.251, 255.435

Sweetspot

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



47, 27.249, 25.439



75, 8.960, 22.733



49, 42.420, 327.021



39, 6.019, 22.814



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, 27.249, 25.439



56, 41.037, 26.740



55, 23.295, 72.178



31, 3.425, 22.534



29, 66.655, 39.691



1, 4.340, 21.994

Inverse Universe

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



60, 20.485, 200.793



75, 28.752, 200.653



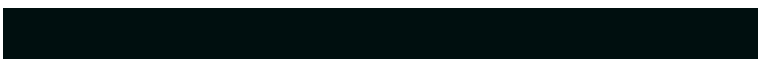
51, 21.063, 264.030



33, 3.233, 201.832



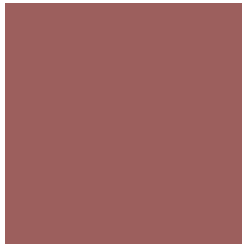
52, 31.175, 201.405



3, 4.301, 202.832

Previews

White Background



This preview shows how the CIELCh color 47, 27.251, 25.435 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, 27.251, 25.435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

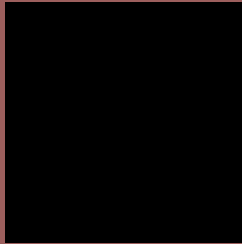
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 27.251, 25.435

Background



This preview shows how black text looks on a background with the CIELCh color 47, 27.251, 25.435.

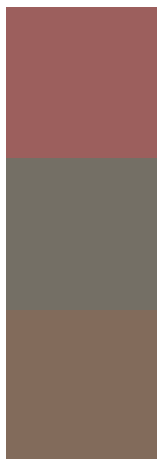


This preview shows how white text looks on a background with the CIELCh color 47, 27.251, 25.435.

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, 27.251, 25.435

Protanopia

47, 6.255, 89.568

Deuteranopia

47, 14.013, 62.126



Tritanopia
47, 27.497, 14.838

Trichromacy



Original Color
47, 27.251, 25.435

Protanomaly
47, 12.104, 40.438

Deuteranomaly
47, 17.465, 42.688

Tritanomaly
47, 27.615, 18.454

Monochromacy



Original Color
47, 27.251, 25.435

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 9.743, 20.569

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 27.251, 25.435 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(156, 95, 93)` looks like.

```
.text, #text, p{  
    color:rgb(156, 95, 93)  
}
```

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(156, 95, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 95, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 27.251, 25.435 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(156, 95, 93) }
```

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

```
.border{ border-color:rgb(156, 95, 93) }
```

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

Here you see how a box with a 4 pixel rgb(156, 95, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 95, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 95, 93);  
box-shadow:4px 4px 4px 4px rgb(156, 95,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 27.251, 25.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 95, 93) }
```

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

```
.background{ background-color: rgb(156, 95,  
93) }
```

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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