

Converting Colors

CIELCh(49, 37.416, 27.710)

Have a look what the booklet for
CIELCh(49, 37.416, 27.710) contains.

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Color

CIELCh(49, 37.111, 27.839)

Conversions

Conversions Part 1

Format	Color
Hex	AF5D59
RGB	175, 93, 89
RGB Percent	69%, 36%, 35%
CMY	0.3147, 0.6361, 0.6518
CMYK	0.00, 0.47, 0.49, 0.31
HSL	3°, 35%, 52%
HSV	3°, 49%, 69%
XYZ	23.3138, 17.5941, 11.5731
YIQ	117.0620, 50.1560, 16.1400

Conversions

Conversions Part 2

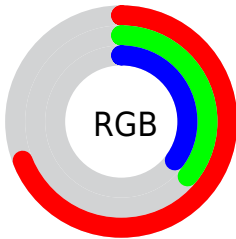
Format	Color
R_{YB}	175, 93, 89
Decimal	11492697
CIE _{Lab}	49.00, 32.82, 17.33
CIE _{LCh}	49, 37.111, 27.839
Yxy	17.5941, 0.4442, 0.3352
Android (android.graphics.Color)	4289682777 (0xFFAF5D59)
YUV	117.0620, -13.8346, 50.8116
Hunter-Lab	41.9453, 25.8086, 13.0030

Details

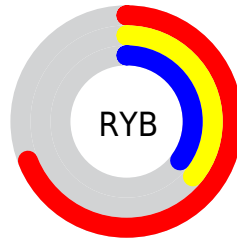
The CIELCh color **49, 37.111, 27.839** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **65, 25.757, 202.315**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 36.871, 27.932**, and **29, 37.078, 27.535** is the 20% darker color. If you saturate the color by 10%, you get **45, 45.996, 29.721**, and if you desaturate by 10%, it is **53, 28.560, 26.397**.

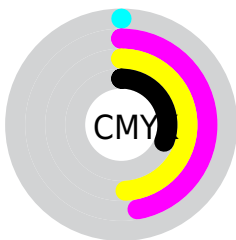
Distribution



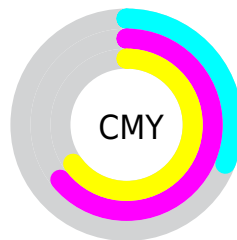
- Red (69%)
- Green (36%)
- Blue (35%)



- Red (69%)
- Yellow (36%)
- Blue (35%)



- Cyan (0%)
- Magenta (47%)
- Yellow (49%)
- Black (31%)



- Cyan (31%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 37.111, 27.839 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 49, 37.111, 27.839 by changing the saturation by 10% instead.

■ 49, 37.111, 27.839

■ 49, 37.111, 27.839

■ 100, 37.111,
27.839

■ 39, 37.111, 27.839

■ 69, 37.111, 27.839

■ 29, 37.111, 27.839

■ 79, 37.111, 27.839

■ 19, 37.111, 27.839

■ 89, 37.111, 27.839

■ 9, 37.111, 27.839

■ 99, 37.111, 27.839

■ 0, 37.111, 27.839

■ 49, 37.111, 27.839

■ 49, 37.111, 27.839

■ 45, 45.996, 29.721

■ 53, 28.560, 26.397

■ 42, 54.997, 32.088

■ 58, 20.484, 25.299

39, 63.757, 34.888

62, 12.946, 24.467

38, 71.599, 37.757

67, 5.956, 23.809

37, 77.598, 40.248

72, 0.505, 204.432

36, 78.063, 40.487

77, 6.477, 203.176

82, 12.008,
202.889

87, 17.147,
202.694

92, 21.940,
202.555

Harmonies

Complementary

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



49, 37.111, 27.839



65, 25.757, 202.315

Rectangle

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



49, 37.111, 27.839



49, 37.111, 77.839



49, 37.111, 207.839



49, 37.111, 257.839

Sweetspot

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



49, 37.109, 27.842



81, 12.321, 24.194



51, 55.221, 327.958



42, 8.544, 24.334



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



49, 37.109, 27.842



58, 56.831, 29.900



59, 31.922, 72.626



34, 3.648, 23.816



31, 69.349, 40.156



2, 7.512, 22.686

Inverse Universe

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



65, 25.757, 202.315



82, 35.839, 202.369



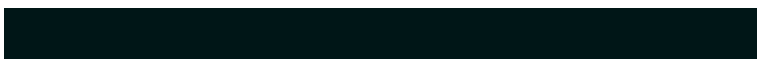
53, 28.588, 268.100



36, 3.440, 203.199



54, 31.795, 203.926



6, 7.303, 205.472

Previews

White Background



This preview shows how the CIELCh color 49, 37.111, 27.839 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 49, 37.111, 27.839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

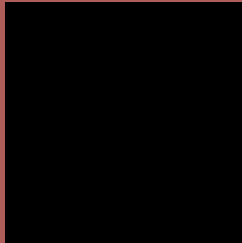
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 37.111, 27.839

Background



This preview shows how black text looks on a background with the CIELCh color 49, 37.111, 27.839.



This preview shows how white text looks on a background with the CIELCh color 49, 37.111, 27.839.

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





Tritanopia
49, 36.714, 18.489

Trichromacy



Original Color
49, 37.111, 27.839

Protanomaly
49, 16.732, 45.503

Deuteranomaly
49, 24.104, 48.504

Tritanomaly
49, 36.600, 21.877

Monochromacy



Original Color
49, 37.111, 27.839

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 12.807, 23.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 37.111, 27.839 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(175, 93, 89)` looks like.

```
.text, #text, p{  
    color:rgb(175, 93, 89)  
}
```

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(175, 93, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 93, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 37.111, 27.839 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(175, 93, 89) }
```

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

```
.border{ border-color:rgb(175, 93, 89) }
```

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

Here you see how a box with a 4 pixel rgb(175, 93, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 93, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 93, 89);  
box-shadow:4px 4px 4px 4px rgb(175, 93,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 37.111, 27.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 93, 89) }
```

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

```
.background{ background-color: rgb(175, 93,  
89) }
```

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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