

Converting Colors

CIELCh(49, 36.439, 10.364)

Have a look what the booklet for
CIELCh(49, 36.439, 10.364) contains.

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Color

CIELCh(49, 36.439, 10.364)

Conversions

Conversions Part 1

Format	Color
Hex	AF5B6B
RGB	175, 91, 107
RGB Percent	69%, 36%, 42%
CMY	0.3146, 0.6439, 0.5811
CMYK	0.00, 0.48, 0.39, 0.31
HSL	349°, 34%, 52%
HSV	349°, 48%, 69%
XYZ	23.9971, 17.5941, 15.9880
YIQ	117.9400, 44.9280, 22.7840

Conversions

Conversions Part 2

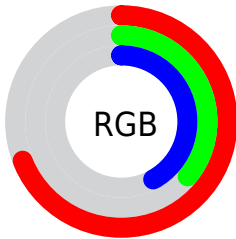
Format	Color
R_{YB}	175, 91, 107
Decimal	11492203
CIE Lab	49.00, 35.84, 6.56
CIE LCh	49, 36.439, 10.364
Yxy	17.5941, 0.4168, 0.3056
Android (android.graphics.Color)	4289682283 (0xFFAF5B6B)
YUV	117.9400, -5.3934, 50.0416
Hunter-Lab	41.9453, 28.7166, 6.7625

Details

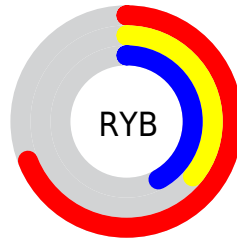
The CIELCh color **49, 36.439, 10.364** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **66, 29.487, 179.359**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 36.491, 10.529**, and **29, 36.346, 10.071** is the 20% darker color. If you saturate the color by 10%, you get **45, 44.286, 12.714**, and if you desaturate by 10%, it is **53, 28.448, 8.494**.

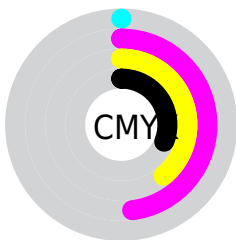
Distribution



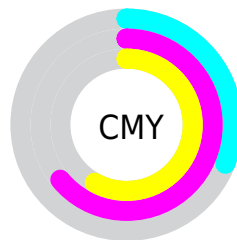
- Red (69%)
- Green (36%)
- Blue (42%)



- Red (69%)
- Yellow (36%)
- Blue (42%)



- Cyan (0%)
- Magenta (48%)
- Yellow (39%)
- Black (31%)



- Cyan (31%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 36.439, 10.364 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, 36.439, 10.364 by changing the saturation by 10% instead.

■ 49, 36.439, 10.364

■ 49, 36.439, 10.364

■ 100, 36.439,
10.364

■ 39, 36.439, 10.364

■ 69, 36.439, 10.364

■ 29, 36.439, 10.364

■ 79, 36.439, 10.364

■ 19, 36.439, 10.364

■ 89, 36.439, 10.364

■ 9, 36.439, 10.364

■ 99, 36.439, 10.364

■ 0, 36.439, 10.364

■ 49, 36.439, 10.364

■ 49, 36.439, 10.364

■ 45, 44.286, 12.714

■ 53, 28.448, 8.494

■ 42, 51.704, 15.679

■ 58, 20.555, 6.975

39, 58.405, 19.400

62, 12.912, 5.715

38, 64.226, 23.931

67, 5.608, 4.622

37, 69.287, 28.994

72, 1.322, 184.163

36, 70.291, 29.914

77, 7.874, 183.098

82, 14.064,
182.393

88, 19.918,
181.781

93, 25.464,
181.236

Harmonies

Complementary

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



49, 36.439, 10.364



66, 29.487, 179.359

Rectangle

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



49, 36.439, 10.364



49, 36.439, 60.364



49, 36.439, 190.364



49, 36.439, 240.364

Sweetspot

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



49, 36.437, 10.367



82, 12.269, 5.287



49, 53.348, 320.837



42, 8.585, 5.523



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, 36.437, 10.367



58, 54.730, 12.970



54, 30.875, 49.125



34, 3.934, 4.756



31, 62.554, 29.198



2, 8.022, 6.705

Inverse Universe

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



49, 36.437, 10.367



58, 54.730, 12.970



59, 22.677, 237.499



34, 3.934, 4.756



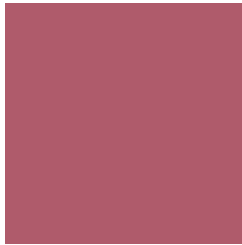
31, 62.554, 29.198



2, 8.022, 6.705

Previews

White Background



This preview shows how the CIELCh color 49, 36.439, 10.364 looks on a white background.

Color Contrast Check

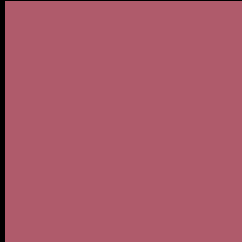
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 49, 36.439, 10.364 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, 36.439, 10.364

Background



This preview shows how black text looks on a background with the CIELCh color 49, 36.439, 10.364.

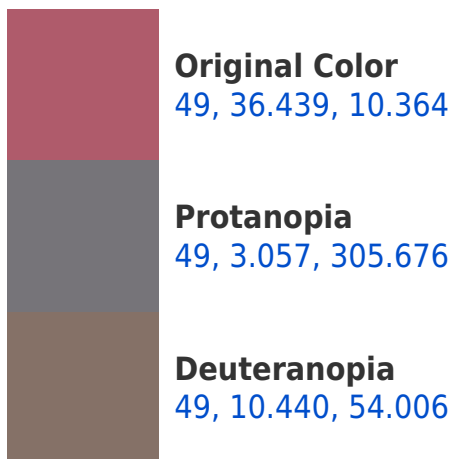


This preview shows how white text looks on a background with the CIELCh color 49, 36.439, 10.364.

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, 35.798, 18.153

Trichromacy



Original Color
49, 36.439, 10.364

Protanomaly
49, 14.232, 359.586

Deuteranomaly
49, 18.626, 23.471

Tritanomaly
49, 35.632, 15.391

Monochromacy



Original Color
49, 36.439, 10.364

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 13.374, 5.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 36.439, 10.364 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, 91, 107)` looks like.

```
.text, #text, p{  
    color:rgb(175, 91, 107)  
}
```

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, 91, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 91, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 36.439, 10.364 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, 91, 107) }
```

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

```
.border{ border-color:rgb(175, 91, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 91, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 91, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 91, 107);  
box-shadow:4px 4px 4px 4px rgb(175, 91,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 36.439, 10.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 91, 107) }
```

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

```
.background{ background-color: rgb(175, 91,  
107) }
```

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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