

Converting Colors

CIELCh(49, 36.641, 359.041)

Have a look what the booklet for
CIELCh(49, 36.641, 359.041)
contains.

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Color

CIELCh(49, 36.641, 359.041)

Conversions

Conversions Part 1

Format	Color
Hex	AD5B77
RGB	173, 91, 119
RGB Percent	68%, 36%, 47%
CMY	0.3230, 0.6444, 0.5346
CMYK	0.00, 0.47, 0.31, 0.32
HSL	340°, 33%, 52%
HSV	340°, 47%, 68%
XYZ	24.1779, 17.5941, 19.4732
YIQ	118.7100, 39.8840, 26.0920

Conversions

Conversions Part 2

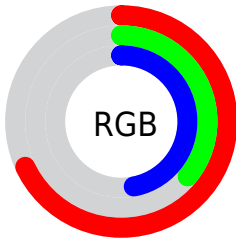
Format	Color
R_{YB}	173, 91, 119
Decimal	11361143
CIE Lab	49.00, 36.64, -0.61
CIE LCh	49, 36.641, 359.041
Yxy	17.5941, 0.3948, 0.2873
Android (android.graphics.Color)	4289551223 (0xFFAD5B77)
YUV	118.7100, 0.1430, 47.6123
Hunter-Lab	41.9453, 29.4858, 1.8362

Details

The CIELCh color $[49, 36.641, 359.041]$ is a dark color, and the websafe version is hex `CC6699`. A complement of this color would be $[65, 32.560, 168.111]$, and the grayscale version is $[50, 0.007, 296.813]$.

A 20% lighter version of the original color is $[69, 36.534, 358.932]$, and $[29, 36.678, 358.828]$ is the 20% darker color. If you saturate the color by 10%, you get $[45, 44.021, 1.072]$, and if you desaturate by 10%, it is $[53, 28.856, 357.385]$.

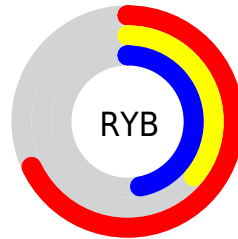
Distribution



Red (68%)

Green (36%)

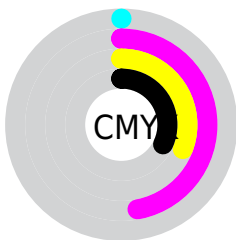
Blue (47%)



Red (68%)

Yellow (36%)

Blue (47%)

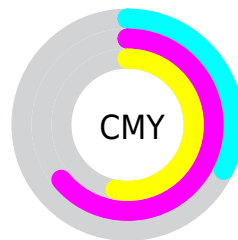


Cyan (0%)

Magenta (47%)

Yellow (31%)

Black (32%)



Cyan (32%)


Magenta (64%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 36.641, 359.041 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, 36.641, 359.041 by changing the saturation by 10% instead.


 49, 36.641,
359.041


 49, 36.641,
359.041


 100, 36.641,
359.041


 39, 36.641,
359.041

 69, 36.641,
359.041


 29, 36.641,
359.041

 79, 36.641,
359.041

 19, 36.641,
359.041

 89, 36.641,
359.041

 9, 36.641, 359.041

 99, 36.641,
359.041

 0, 36.641, 359.041

 49, 36.641,

 49, 36.641,

359.041

359.041

45, 44.021, 1.072

53, 28.856,
357.385

42, 50.651, 3.605

58, 20.956,
356.000

39, 56.180, 6.806

38, 60.392, 10.839

62, 13.137,
354.813

37, 63.457, 15.720

67, 5.522, 353.750

36, 64.242, 16.961

72, 1.822, 173.155

77, 8.868, 172.174

82, 15.610,
171.433

87, 22.060,
170.770

92, 28.235,

Harmonies

Complementary

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



49, 36.641, 359.041



65, 32.560, 168.111

Rectangle

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



49, 36.641, 359.041



49, 36.641, 49.041



49, 36.641, 179.041



49, 36.641, 229.041

Sweetspot

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



49, 36.638, 359.043



81, 12.957, 354.461



47, 51.107, 316.137



42, 8.965, 354.688



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



49, 36.638, 359.043



58, 53.996, 1.192



51, 32.627, 35.403



34, 4.211, 353.942



31, 57.914, 16.281



2, 8.457, 357.454

Inverse Universe

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



49, 36.638, 359.043



58, 53.996, 1.192



62, 22.815, 215.406



34, 4.211, 353.942



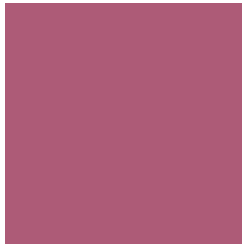
31, 57.914, 16.281



2, 8.457, 357.454

Previews

White Background



This preview shows how the CIELCh color 49, 36.641, 359.041 looks on a white background.

Color Contrast Check

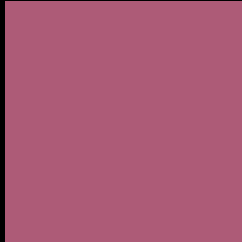
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.641, 359.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

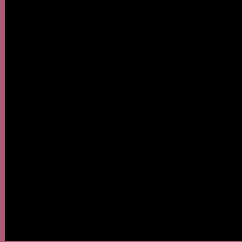
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 36.641, 359.041

Background



This preview shows how black text looks on a background with the CIELCh color 49, 36.641, 359.041.



This preview shows how white text looks on a background with the CIELCh color 49, 36.641, 359.041.

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

49, 36.641, 359.041

Protanopia

49, 10.582, 287.471

Deuteranopia

49, 6.704, 10.134



Tritanopia
49, 33.536, 17.311

Trichromacy



Original Color
49, 36.641, 359.041

Protanomaly
49, 16.627, 333.659

Deuteranomaly
49, 17.753, 0.620

Tritanomaly
49, 34.278, 10.938

Monochromacy



Original Color
49, 36.641, 359.041

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 13.640, 355.811

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 36.641, 359.041 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(173, 91, 119)` looks like.

```
.text, #text, p{  
    color:rgb(173, 91, 119)  
}
```

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(173, 91, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 91, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 36.641, 359.041 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(173, 91, 119) }
```

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

```
.border{ border-color:rgb(173, 91, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 91, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 91, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 91, 119);  
box-shadow:4px 4px 4px 4px rgb(173, 91,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 36.641, 359.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 91, 119) }
```

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

```
.background{ background-color: rgb(173, 91,  
119) }
```

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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