

Converting Colors

CIELCh(49, 43.536, 358.522)

Have a look what the booklet for
CIELCh(49, 43.536, 358.522)
contains.

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Color

CIELCh(49, 43.547, 358.471)

Conversions

Conversions Part 1

Format	Color
Hex	B65478
RGB	182, 84, 120
RGB Percent	71%, 33%, 47%
CMY	0.2869, 0.6712, 0.5300
CMYK	0.00, 0.54, 0.34, 0.29
HSL	338°, 40%, 52%
HSV	338°, 54%, 71%
XYZ	25.7912, 17.5941, 19.7590
YIQ	117.4060, 46.8520, 31.9720

Conversions

Conversions Part 2

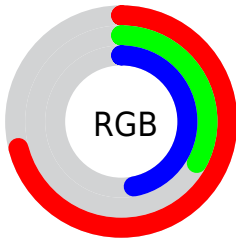
Format	Color
R_{YB}	182, 84, 120
Decimal	11949176
CIE _{Lab}	49.00, 43.53, -1.16
CIE _{LCh}	49, 43.547, 358.471
Yxy	17.5941, 0.4084, 0.2786
Android (android.graphics.Color)	4290139256 (0xFFB65478)
YUV	117.4060, 1.2788, 56.6489
Hunter-Lab	41.9453, 36.3515, 1.4322

Details

The CIELCh color $49, 43.547, 358.471$ is a dark color, and the websafe version is hex `CC6699`. A complement of this color would be $68, 38.733, 165.516$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 43.272, 358.531$, and $29, 43.651, 358.330$ is the 20% darker color. If you saturate the color by 10%, you get $45, 50.709, 0.738$, and if you desaturate by 10%, it is $53, 35.671, 356.641$.

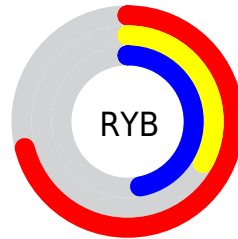
Distribution



Red (71%)

Green (33%)

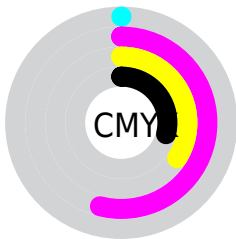
Blue (47%)



Red (71%)

Yellow (33%)

Blue (47%)

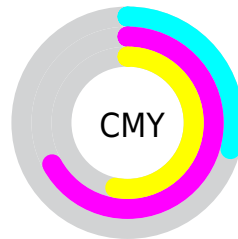


Cyan (0%)

Magenta (54%)

Yellow (34%)

Black (29%)



Cyan (29%)


Magenta (67%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 43.547, 358.471 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, 43.547, 358.471 by changing the saturation by 10% instead.


 49, 43.547,
358.471


 49, 43.547,
358.471


 100, 43.547,
358.471

 39, 43.547,
358.471

 69, 43.547,
358.471

 29, 43.547,
358.471

 79, 43.547,
358.471

 19, 43.547,
358.471

 89, 43.547,
358.471

 9, 43.547, 358.471

 99, 43.547,
358.471

 0, 43.547, 358.471

 49, 43.547,

 49, 43.547,

358.471

358.471

■ 45, 50.709, 0.738

■ 53, 35.671,
356.641

■ 43, 56.774, 3.591

■ 57, 27.450,
355.127

■ 40, 61.431, 7.203

■ 39, 64.634, 11.718

■ 62, 19.156,
353.845

■ 38, 66.270, 14.744


■ 67, 10.975,
352.731

■ 72, 3.020, 351.667

■ 77, 4.651, 171.043

■ 82, 12.015,
170.219

■ 87, 19.070,
169.511

 93, 25.830,
168.870

Harmonies

Complementary

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



49, 43.547, 358.471



68, 38.733, 165.516

Rectangle

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



49, 43.547, 358.471



49, 43.547, 48.471



49, 43.547, 178.471



49, 43.547, 228.471

Sweetspot

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



49, 43.544, 358.473



84, 15.755, 352.985



47, 60.141, 315.343



44, 10.756, 353.209



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



49, 43.544, 358.473



58, 63.651, 1.315



50, 40.513, 33.502



36, 4.480, 352.260



33, 58.935, 14.019



2, 11.473, 358.168

Inverse Universe

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



49, 43.544, 358.473



58, 63.651, 1.315



65, 26.642, 211.307



36, 4.480, 352.260



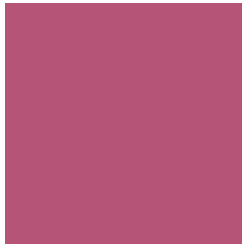
33, 58.935, 14.019



2, 11.473, 358.168

Previews

White Background



This preview shows how the CIELCh color 49, 43.547, 358.471 looks on a white background.

Color Contrast Check

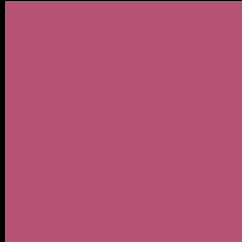
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.547, 358.471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

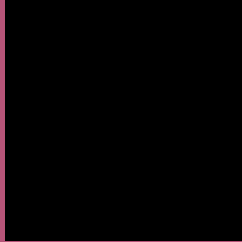
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 43.547, 358.471

Background



This preview shows how black text looks on a background with the CIELCh color 49, 43.547, 358.471.

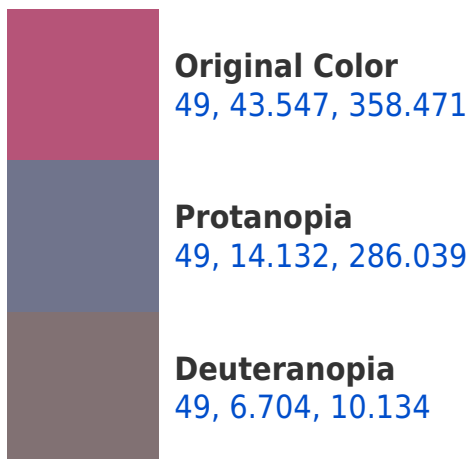


This preview shows how white text looks on a background with the CIELCh color 49, 43.547, 358.471.

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, 39.932, 20.350

Trichromacy



Original Color
49, 43.547, 358.471

Protanomaly
48, 21.391, 329.295

Deuteranomaly
48, 20.847, 357.488

Tritanomaly
49, 40.674, 11.987

Monochromacy



Original Color
49, 43.547, 358.471

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 16.611, 354.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 43.547, 358.471 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(182, 84, 120)` looks like.

```
.text, #text, p{  
    color:rgb(182, 84, 120)  
}
```

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(182, 84, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 84, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 43.547, 358.471 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(182, 84, 120) }
```

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

```
.border{ border-color:rgb(182, 84, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 84, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 84, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 84, 120);  
box-shadow:4px 4px 4px 4px rgb(182, 84,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 43.547, 358.471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 84, 120) }
```

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

```
.background{ background-color: rgb(182, 84,  
120) }
```

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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