

Converting Colors

CIELCh(49, 43.598, 346.961)

Have a look what the booklet for
CIELCh(49, 43.598, 346.961)
contains.

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Color

CIELCh(49, 43.491, 347.077)

Conversions

Conversions Part 1

Format	Color
Hex	B05686
RGB	176, 86, 134
RGB Percent	69%, 34%, 53%
CMY	0.3100, 0.6629, 0.4747
CMYK	0.00, 0.51, 0.24, 0.31
HSL	328°, 36%, 51%
HSV	328°, 51%, 69%
XYZ	25.5192, 17.5941, 24.5902
YIQ	118.3820, 38.2320, 34.0080

Conversions

Conversions Part 2

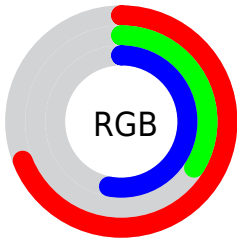
Format	Color
R_{YB}	176, 86, 134
Decimal	11556486
CIE _{Lab}	49.00, 42.39, -9.73
CIE _{LCh}	49, 43.491, 347.077
Yxy	17.5941, 0.3769, 0.2599
Android (android.graphics.Color)	4289746566 (0xFFB05686)
YUV	118.3820, 7.6997, 50.5310
Hunter-Lab	41.9453, 35.1940, -5.3968

Details

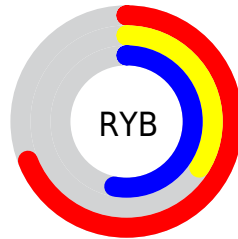
The CIELCh color $49, 43.491, 347.077$ is a dark color, and the websafe version is hex $CC6699$. A complement of this color would be $65, 41.643, 156.637$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 43.325, 347.431$, and $29, 43.444, 347.447$ is the 20% darker color. If you saturate the color by 10%, you get $46, 50.761, 348.609$, and if you desaturate by 10%, it is $53, 35.394, 345.783$.

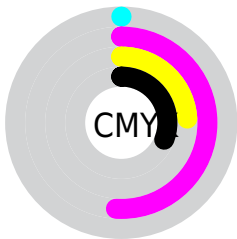
Distribution



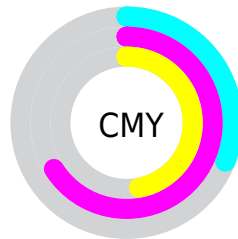
- Red (69%)
- Green (34%)
- Blue (53%)



- Red (69%)
- Yellow (34%)
- Blue (53%)



- Cyan (0%)
- Magenta (51%)
- Yellow (24%)
- Black (31%)




- Cyan (31%)
- Magenta (66%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 43.491, 347.077 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, 43.491, 347.077 by changing the saturation by 10% instead.


 49, 43.491,
347.077


 49, 43.491,
347.077


 100, 43.491,
347.077


 39, 43.491,
347.077

 69, 43.491,
347.077

 29, 43.491,
347.077

 79, 43.491,
347.077

 19, 43.491,
347.077

 89, 43.491,
347.077

 9, 43.491, 347.077

 99, 43.491,
347.077

 0, 43.491, 347.077

 49, 43.491,

 49, 43.491,

347.077

347.077

46, 50.761,
348.609

53, 35.394,
345.783

43, 56.777,
350.467

57, 26.853,
344.660

40, 61.135,
352.774

62, 18.150,
343.664

39, 63.611,
355.677

66, 9.480, 342.757

38, 64.640,
358.717

71, 0.967, 341.618

76, 7.319, 161.298

81, 15.343,
160.591

86, 23.094,
159.953

91, 30.575,

Harmonies

Complementary

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



49, 43.491, 347.077



65, 41.643, 156.637

Rectangle

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



49, 43.491, 347.077



49, 43.491, 37.077



49, 43.491, 167.077



49, 43.491, 217.077

Sweetspot

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



49, 43.488, 347.078



82, 15.902, 343.123



45, 54.955, 310.615



42, 10.858, 343.309



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, 43.488, 347.078



59, 62.666, 348.765



48, 40.048, 22.851



35, 4.865, 342.598



33, 58.394, 358.247



2, 10.816, 348.000

Inverse Universe

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



49, 43.488, 347.078



59, 62.666, 348.765



67, 28.346, 193.714



35, 4.865, 342.598



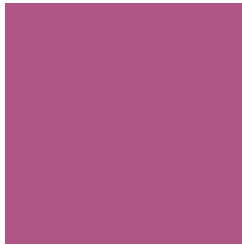
33, 58.394, 358.247



2, 10.816, 348.000

Previews

White Background



This preview shows how the CIELCh color 49, 43.491, 347.077 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, 43.491, 347.077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

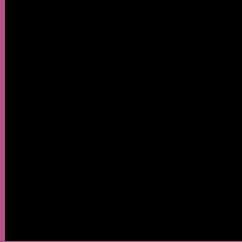
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 43.491, 347.077

Background



This preview shows how black text looks on a background with the CIELCh color 49, 43.491, 347.077.



This preview shows how white text looks on a background with the CIELCh color 49, 43.491, 347.077.

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, 43.491, 347.077

Protanopia

49, 22.445, 284.249

Deuteranopia

49, 9.534, 312.943



Tritanopia
49, 34.882, 17.812

Trichromacy



Original Color
49, 43.491, 347.077

Protanomaly
48, 26.646, 314.325

Deuteranomaly
49, 21.776, 335.691

Tritanomaly
49, 36.760, 5.025

Monochromacy



Original Color
49, 43.491, 347.077

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 16.967, 343.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 43.491, 347.077 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(176, 86, 134)` looks like.

```
.text, #text, p{  
    color:rgb(176, 86, 134)  
}
```

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(176, 86, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 86, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 43.491, 347.077 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(176, 86, 134) }
```

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

```
.border{ border-color:rgb(176, 86, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 86, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 86, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 86, 134);  
box-shadow:4px 4px 4px 4px rgb(176, 86,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 43.491, 347.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 86, 134) }
```

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

```
.background{ background-color: rgb(176, 86,  
134) }
```

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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