

Converting Colors

CIELCh(47, 35.631, 349.794)

Have a look what the booklet for
CIELCh(47, 35.631, 349.794)
contains.

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Color

CIELCh(47, 35.424, 349.929)

Conversions

Conversions Part 1

Format	Color
Hex	A2587B
RGB	162, 88, 123
RGB Percent	64%, 35%, 48%
CMY	0.3657, 0.6558, 0.5186
CMYK	0.00, 0.46, 0.24, 0.37
HSL	332°, 30%, 49%
HSV	332°, 46%, 63%
XYZ	21.8787, 16.0195, 20.6001
YIQ	114.1160, 32.8690, 26.5730

Conversions

Conversions Part 2

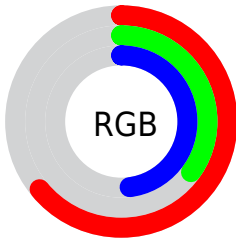
Format	Color
R_{YB}	162, 88, 123
Decimal	10639483
CIE _{Lab}	47.00, 34.88, -6.19
CIE _{LCh}	47, 35.424, 349.929
Yxy	16.0195, 0.3740, 0.2738
Android (android.graphics.Color)	4288829563 (0xFFA2587B)
YUV	114.1160, 4.3798, 41.9943
Hunter-Lab	40.0243, 27.5319, -2.4989

Details

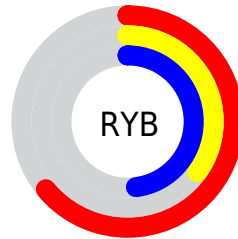
The CIELCh color $47, 35.424, 349.929$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 33.369, 160.494$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 34.994, 350.196$, and $27, 35.125, 350.261$ is the 20% darker color. If you saturate the color by 10%, you get $43, 42.578, 351.490$, and if you desaturate by 10%, it is $51, 27.775, 348.613$.

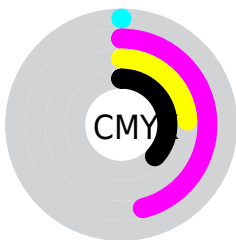
Distribution



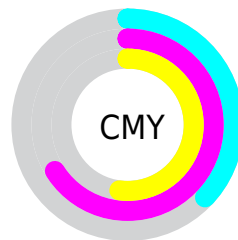
- Red (64%)
- Green (35%)
- Blue (48%)



- Red (64%)
- Yellow (35%)
- Blue (48%)



- Cyan (0%)
- Magenta (46%)
- Yellow (24%)
- Black (37%)





- Cyan (37%)
- Magenta (66%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 35.424, 349.929 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 47, 35.424, 349.929 by changing the saturation by 10% instead.


 47, 35.424,
349.929


 47, 35.424,
349.929


 100, 35.424,
349.929


 37, 35.424,
349.929

 67, 35.424,
349.929


 27, 35.424,
349.929

 77, 35.424,
349.929

 17, 35.424,
349.929

 87, 35.424,
349.929

 7, 35.424, 349.929

 97, 35.424,
349.929

 0, 35.424, 349.929

 47, 35.424,

 47, 35.424,

349.929

349.929

■ 43, 42.578,
351.490

■ 51, 27.775,
348.613

■ 40, 48.882,
353.382

■ 55, 19.923,
347.473

■ 38, 53.948,
355.731

■ 59, 12.070,
346.463

■ 36, 57.472,
358.691

■ 64, 4.346, 345.519

■ 35, 59.427, 2.400


■ 68, 3.173, 164.907

■ 34, 60.129, 4.074

■ 73, 10.448,
164.095

■ 78, 17.465,
163.408

■ 82, 24.225,
162.781

 87, 30.738,
162.203

Harmonies

Complementary

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



47, 35.424, 349.929



61, 33.369, 160.494

Rectangle

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



47, 35.424, 349.929



47, 35.424, 39.929



47, 35.424, 169.929



47, 35.424, 219.929

Sweetspot

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



47, 35.422, 349.930



76, 13.214, 346.322



44, 45.954, 311.861



39, 9.125, 346.517



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



47, 35.422, 349.930



56, 51.759, 351.537



46, 32.788, 25.225



32, 4.337, 345.856



31, 55.624, 3.627



1, 6.477, 347.688

Inverse Universe

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



47, 35.422, 349.930



56, 51.759, 351.537



62, 23.644, 199.069



32, 4.337, 345.856



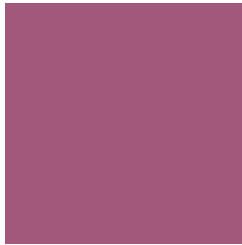
31, 55.624, 3.627



1, 6.477, 347.688

Previews

White Background



This preview shows how the CIELCh color 47, 35.424, 349.929 looks on a white background.

Color Contrast Check

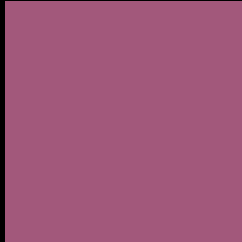
Large Text (above 18pt) WCAG AA ✓ Pass

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 47, 35.424, 349.929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

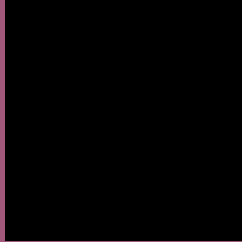
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 35.424, 349.929

Background



This preview shows how black text looks on a background with the CIELCh color 47, 35.424, 349.929.



This preview shows how white text looks on a background with the CIELCh color 47, 35.424, 349.929.

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

47, 35.424, 349.929

Protanopia

47, 16.028, 285.797

Deuteranopia

47, 7.185, 324.856



Tritanopia
47, 29.325, 15.702

Trichromacy



Original Color
47, 35.424, 349.929

Protanomaly
47, 19.421, 319.534

Deuteranomaly
47, 17.740, 342.652

Tritanomaly
47, 30.996, 4.456

Monochromacy



Original Color
47, 35.424, 349.929

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 13.439, 346.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 35.424, 349.929 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(162, 88, 123)` looks like.

```
.text, #text, p{  
    color:rgb(162, 88, 123)  
}
```

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(162, 88, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 88, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 35.424, 349.929 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(162, 88, 123) }
```

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

```
.border{ border-color:rgb(162, 88, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 88, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 88, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 88, 123);  
box-shadow:4px 4px 4px 4px rgb(162, 88,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 35.424, 349.929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 88, 123) }
```

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

```
.background{ background-color: rgb(162, 88,  
123) }
```

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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