

Converting Colors

CIELCh(47, 44.334, 358.348)

Have a look what the booklet for
CIELCh(47, 44.334, 358.348)
contains.

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Color

CIELCh(47, 44.196, 358.420)

Conversions

Conversions Part 1

Format	Color
Hex	B14E73
RGB	177, 78, 115
RGB Percent	69%, 31%, 45%
CMY	0.3061, 0.6943, 0.5492
CMYK	0.00, 0.56, 0.35, 0.31
HSL	338°, 39%, 50%
HSV	338°, 56%, 69%
XYZ	23.9320, 16.0195, 18.0361
YIQ	111.8190, 47.1270, 32.4950

Conversions

Conversions Part 2

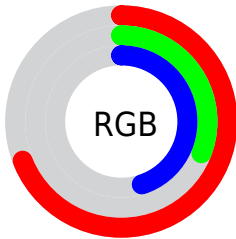
Format	Color
RYB	177, 78, 115
Decimal	11619955
CIELab	47.00, 44.18, -1.22
CIELCh	47, 44.196, 358.420
Yxy	16.0195, 0.4127, 0.2763
Android (android.graphics.Color)	4289810035 (0xFFB14E73)
YUV	111.8190, 1.5682, 57.1637
Hunter-Lab	40.0243, 36.6893, 1.2992

Details

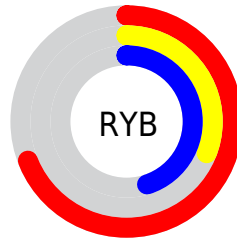
The CIELCh color $47, 44.196, 358.420$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $66, 39.336, 164.830$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 43.966, 358.309$, and $27, 44.086, 358.667$ is the 20% darker color. If you saturate the color by 10%, you get $44, 51.008, 0.759$, and if you desaturate by 10%, it is $51, 36.601, 356.537$.

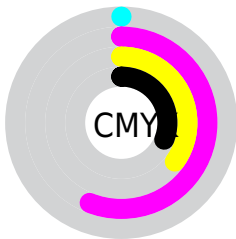
Distribution



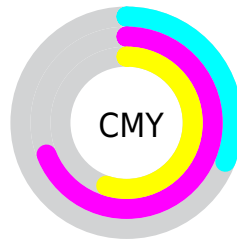
- Red (69%)
- Green (31%)
- Blue (45%)



- Red (69%)
- Yellow (31%)
- Blue (45%)



- Cyan (0%)
- Magenta (56%)
- Yellow (35%)
- Black (31%)





- Cyan (31%)
- Magenta (69%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 44.196, 358.420 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, 44.196, 358.420 by changing the saturation by 10% instead.


 47, 44.196,
358.420

 47, 44.196,
358.420


 100, 44.196,
358.420

 37, 44.196,
358.420

 67, 44.196,
358.420


 27, 44.196,
358.420

 77, 44.196,
358.420

 17, 44.196,
358.420

 87, 44.196,
358.420

 7, 44.196, 358.420

 97, 44.196,
358.420

 0, 44.196, 358.420

 47, 44.196,

 47, 44.196,

358.420

358.420

44, 51.008, 0.759

51, 36.601,
356.537

41, 56.664, 3.706

55, 28.595,
354.984

39, 60.894, 7.436

38, 63.738, 12.059

60, 20.465,
353.672

37, 64.813, 14.020

64, 12.409,
352.538

69, 4.552, 351.499

74, 3.040, 170.855

79, 10.337,
169.978

84, 17.333,
169.254

■ 89, 24.039,
168.602

Harmonies

Complementary

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



47, 44.196, 358.420



66, 39.336, 164.830

Rectangle

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



47, 44.196, 358.420



47, 44.196, 48.420



47, 44.196, 178.420



47, 44.196, 228.420

Sweetspot

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



47, 44.193, 358.422



81, 16.380, 352.682



44, 60.992, 315.410



41, 10.976, 352.895



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



47, 44.193, 358.422



56, 63.607, 1.350



48, 41.417, 33.762



35, 4.393, 351.850



32, 58.125, 13.337



2, 9.977, 356.750

Inverse Universe

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



47, 44.193, 358.422



56, 63.607, 1.350



63, 26.741, 211.438



35, 4.393, 351.850



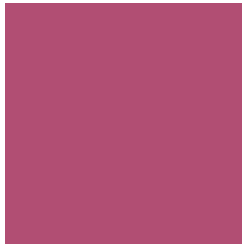
32, 58.125, 13.337



2, 9.977, 356.750

Previews

White Background



This preview shows how the CIELCh color 47, 44.196, 358.420 looks on a white background.

Color Contrast Check

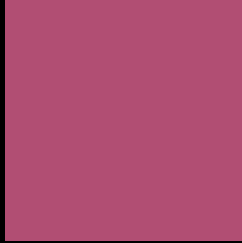
Large Text (above 18pt) WCAG AA ✓ Pass

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, 44.196, 358.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

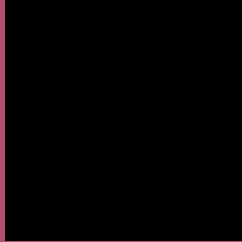
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 44.196, 358.420

Background



This preview shows how black text looks on a background with the CIELCh color 47, 44.196, 358.420.



This preview shows how white text looks on a background with the CIELCh color 47, 44.196, 358.420.

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
47, 40.748, 20.829

Trichromacy



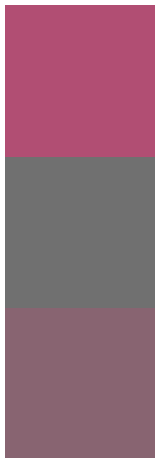
Original Color
47, 44.196, 358.420

Protanomaly
46, 21.535, 329.343

Deuteranomaly
46, 21.001, 357.623

Tritanomaly
47, 41.381, 12.587

Monochromacy



Original Color
47, 44.196, 358.420

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 16.737, 354.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 44.196, 358.420 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(177, 78, 115)` looks like.

```
.text, #text, p{  
    color:rgb(177, 78, 115)  
}
```

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(177, 78, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 78, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 44.196, 358.420 is called "border". The border property can be set on classes, ids or directly on the HTML element.

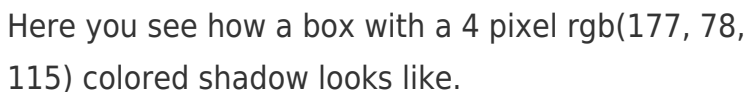
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 78, 115) }
```

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

```
.border{ border-color:rgb(177, 78, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 78, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 78, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 78, 115); box-shadow:4px 4px 4px 4px rgb(177, 78, 115) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 44.196, 358.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 78, 115) }
```

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

```
.background{ background-color: rgb(177, 78,  
115) }
```

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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