

Converting Colors

CIELCh(47, 37.637, 359.068)

Have a look what the booklet for
CIELCh(47, 37.637, 359.068)
contains.

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Color

CIELCh(47, 37.360, 358.827)

Conversions

Conversions Part 1

Format	Color
Hex	A85572
RGB	168, 85, 114
RGB Percent	66%, 33%, 45%
CMY	0.3414, 0.6669, 0.5532
CMYK	0.00, 0.49, 0.32, 0.34
HSL	339°, 33%, 50%
HSV	339°, 49%, 66%
XYZ	22.4129, 16.0195, 17.8135
YIQ	113.1230, 40.1590, 26.6150

Conversions

Conversions Part 2

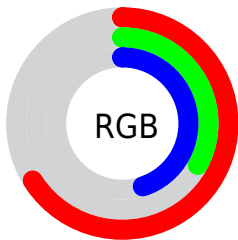
Format	Color
RYB	168, 85, 114
Decimal	11031922
CIELab	47.00, 37.35, -0.76
CIELCh	47, 37.360, 358.827
Yxy	16.0195, 0.3985, 0.2848
Android (android.graphics.Color)	4289222002 (0xFFA85572)
YUV	113.1230, 0.4324, 48.1271
Hunter-Lab	40.0243, 29.9144, 1.6290

Details

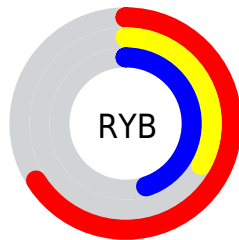
The CIELCh color $47, 37.360, 358.827$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $63, 33.200, 167.351$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 37.238, 358.588$, and $27, 37.176, 359.064$ is the 20% darker color. If you saturate the color by 10%, you get $43, 44.457, 0.912$, and if you desaturate by 10%, it is $51, 29.795, 357.131$.

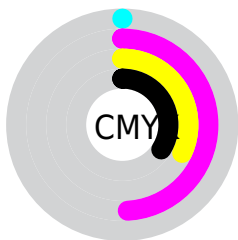
Distribution



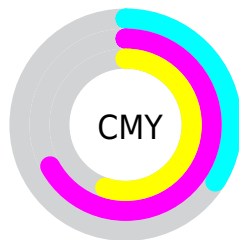
- Red (66%)
- Green (33%)
- Blue (45%)



- Red (66%)
- Yellow (33%)
- Blue (45%)



- Cyan (0%)
- Magenta (49%)
- Yellow (32%)
- Black (34%)




- Cyan (34%)
- Magenta (67%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 37.360, 358.827 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, 37.360, 358.827 by changing the saturation by 10% instead.

 47, 37.360,
358.827


 47, 37.360,
358.827


 100, 37.360,
358.827


 37, 37.360,
358.827

 67, 37.360,
358.827


 27, 37.360,
358.827

 77, 37.360,
358.827

 17, 37.360,
358.827

 87, 37.360,
358.827

 7, 37.360, 358.827

 97, 37.360,
358.827

 0, 37.360, 358.827

 47, 37.360,

 47, 37.360,

358.827

358.827

43, 44.457, 0.912

51, 29.795,
357.131

40, 50.742, 3.517

55, 22.063,
355.715

38, 55.881, 6.809

36, 59.699, 10.949

60, 14.372,
354.506

35, 62.571, 15.818

64, 6.855, 353.436

35, 62.750, 16.098

69, 0.411, 173.564

74, 7.393, 171.821

79, 14.080,
171.062

84, 20.481,
170.388

89, 26.611,

Harmonies

Complementary

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



47, 37.360, 358.827



63, 33.200, 167.351

Rectangle

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



47, 37.360, 358.827



47, 37.360, 48.827



47, 37.360, 178.827



47, 37.360, 228.827

Sweetspot

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



47, 37.358, 358.829



79, 13.704, 354.051



45, 51.985, 316.206



40, 9.366, 354.269



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



47, 37.358, 358.829



56, 54.789, 1.068



49, 33.440, 35.560



33, 4.126, 353.423



31, 57.038, 15.462



2, 7.209, 355.907

Inverse Universe

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



47, 37.358, 358.829



56, 54.789, 1.068



60, 22.997, 215.554



33, 4.126, 353.423



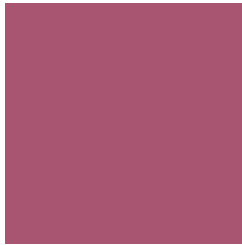
31, 57.038, 15.462



2, 7.209, 355.907

Previews

White Background



This preview shows how the CIELCh color 47, 37.360, 358.827 looks on a white background.

Color Contrast Check

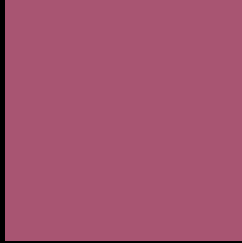
Large Text (above 18pt) WCAG AA ✓ Pass

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 47, 37.360, 358.827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

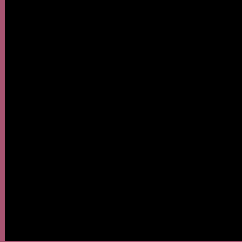
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 37.360, 358.827

Background



This preview shows how black text looks on a background with the CIELCh color 47, 37.360, 358.827.



This preview shows how white text looks on a background with the CIELCh color 47, 37.360, 358.827.

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, 37.360, 358.827

Protanopia

47, 11.254, 287.842

Deuteranopia

47, 6.345, 9.452



Tritanopia
47, 33.882, 18.531

Trichromacy



Original Color
47, 37.360, 358.827

Protanomaly
47, 17.168, 332.352

Deuteranomaly
47, 17.498, 0.162

Tritanomaly
47, 34.521, 11.194

Monochromacy



Original Color
47, 37.360, 358.827

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 13.746, 355.897

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 37.360, 358.827 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(168, 85, 114)` looks like.

```
.text, #text, p{  
    color:rgb(168, 85, 114)  
}
```

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(168, 85, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 85, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 37.360, 358.827 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(168, 85, 114) }
```

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

```
.border{ border-color:rgb(168, 85, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 85, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 85, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 85, 114);  
box-shadow:4px 4px 4px 4px rgb(168, 85,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 37.360, 358.827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 85, 114) }
```

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

```
.background{ background-color: rgb(168, 85,  
114) }
```

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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