

Converting Colors

CIELCh(47, 40.103, 357.770)

Have a look what the booklet for
CIELCh(47, 40.103, 357.770)
contains.

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Color

CIELCh(47, 40.136, 357.824)

Conversions

Conversions Part 1

Format	Color
Hex	AB5273
RGB	171, 82, 115
RGB Percent	67%, 32%, 45%
CMY	0.3281, 0.6772, 0.5479
CMYK	0.00, 0.52, 0.33, 0.33
HSL	338°, 35%, 50%
HSV	338°, 52%, 67%
XYZ	23.0179, 16.0195, 18.1870
YIQ	112.3730, 42.4510, 29.1310

Conversions

Conversions Part 2

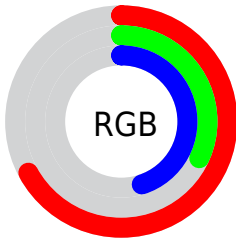
Format	Color
R_{YB}	171, 82, 115
Decimal	11227763
CIE _{Lab}	47.00, 40.11, -1.52
CIE _{LCh}	47, 40.136, 357.824
Yxy	16.0195, 0.4022, 0.2799
Android (android.graphics.Color)	4289417843 (0xFFAB5273)
YUV	112.3730, 1.2951, 51.4159
Hunter-Lab	40.0243, 32.6126, 1.0758

Details

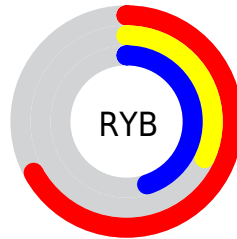
The CIELCh color $47, 40.136, 357.824$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $64, 35.890, 165.622$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 40.364, 357.738$, and $27, 40.414, 357.932$ is the 20% darker color. If you saturate the color by 10%, you get $44, 47.134, 359.965$, and if you desaturate by 10%, it is $51, 32.535, 356.086$.

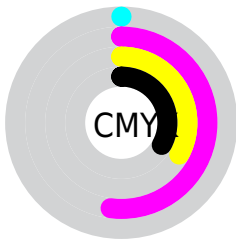
Distribution



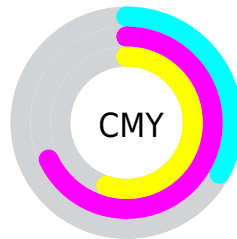
- Red (67%)
- Green (32%)
- Blue (45%)



- Red (67%)
- Yellow (32%)
- Blue (45%)



- Cyan (0%)
- Magenta (52%)
- Yellow (33%)
- Black (33%)




- Cyan (33%)
- Magenta (68%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 40.136, 357.824 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, 40.136, 357.824 by changing the saturation by 10% instead.

 47, 40.136,
357.824

 47, 40.136,
357.824


 100, 40.136,
357.824

 37, 40.136,
357.824

 67, 40.136,
357.824

 27, 40.136,
357.824

 77, 40.136,
357.824

 17, 40.136,
357.824

 87, 40.136,
357.824

 7, 40.136, 357.824

 97, 40.136,
357.824

 0, 40.136, 357.824

 47, 40.136,

 47, 40.136,

357.824

357.824

44, 47.134,
359.965

51, 32.535,
356.086

41, 53.163, 2.647

55, 24.664,
354.638

38, 57.899, 6.040

60, 16.764,
353.405

37, 61.226, 10.301

36, 63.311, 14.181

64, 8.995, 352.323

69, 1.453, 351.156

74, 5.814, 170.671

79, 12.790,
169.884

84, 19.476,
169.193

89, 25.884,

Harmonies

Complementary

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



47, 40.136, 357.824



64, 35.890, 165.622

Rectangle

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



47, 40.136, 357.824



47, 40.136, 47.824



47, 40.136, 177.824



47, 40.136, 227.824

Sweetspot

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



47, 40.133, 357.826



79, 14.949, 352.776



45, 55.308, 315.265



41, 10.204, 352.991



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



47, 40.133, 357.826



56, 58.047, 0.237



48, 36.936, 33.231



34, 4.280, 352.051



31, 57.444, 13.555



2, 8.564, 355.801

Inverse Universe

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



47, 40.133, 357.826



56, 58.047, 0.237



62, 24.782, 211.173



34, 4.280, 352.051



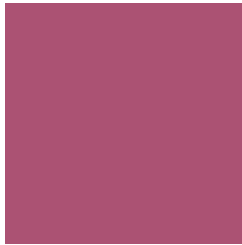
31, 57.444, 13.555



2, 8.564, 355.801

Previews

White Background



This preview shows how the CIELCh color 47, 40.136, 357.824 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, 40.136, 357.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

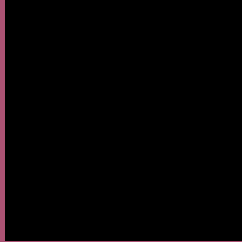
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 40.136, 357.824

Background



This preview shows how black text looks on a background with the CIELCh color 47, 40.136, 357.824.



This preview shows how white text looks on a background with the CIELCh color 47, 40.136, 357.824.

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, 40.136, 357.824

Protanopia

47, 13.069, 285.393

Deuteranopia

47, 6.464, 4.308



Tritanopia
47, 36.171, 19.330

Trichromacy



Original Color
47, 40.136, 357.824

Protanomaly
46, 19.209, 328.618

Deuteranomaly
47, 19.230, 356.801

Tritanomaly
47, 37.138, 10.938

Monochromacy



Original Color
47, 40.136, 357.824

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 14.975, 353.279

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 40.136, 357.824 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(171, 82, 115)` looks like.

```
.text, #text, p{  
    color:rgb(171, 82, 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(171, 82, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 82, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 40.136, 357.824 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(171, 82, 115) }
```

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

```
.border{ border-color:rgb(171, 82, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 82, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 82, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 82, 115); box-shadow:4px 4px 4px 4px rgb(171, 82, 115) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 40.136, 357.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 82, 115) }
```

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

```
.background{ background-color: rgb(171, 82,  
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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