

Converting Colors

CIELCh(46, 38.922, 0.445)

Have a look what the booklet for
CIELCh(46, 38.922, 0.445) contains.

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Color

CIELCh(46, 38.925, 0.443)

Conversions

Conversions Part 1

Format	Color
Hex	A8516E
RGB	168, 81, 110
RGB Percent	66%, 32%, 43%
CMY	0.3422, 0.6832, 0.5695
CMYK	0.00, 0.52, 0.35, 0.34
HSL	340°, 35%, 49%
HSV	340°, 52%, 66%
XYZ	21.8221, 15.2687, 16.4850
YIQ	110.3190, 42.5430, 27.4630

Conversions

Conversions Part 2

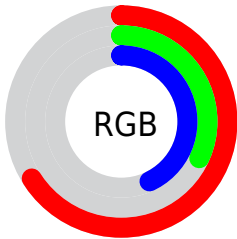
Format	Color
R _Y B	168, 81, 110
Decimal	11030894
CIE Lab	46.00, 38.92, 0.30
CIE LCh	46, 38.925, 0.443
Yxy	15.2687, 0.4073, 0.2850
Android (android.graphics.Color)	4289220974 (0xFFA8516E)
YUV	110.3190, -0.1573, 50.5862
Hunter-Lab	39.0751, 31.3044, 2.3394

Details

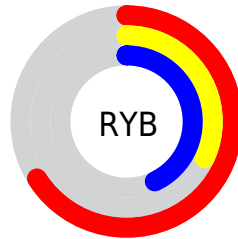
The CIELCh color $46, 38.925, 0.443$ is a dark color, and the websafe version is hex 993366 , and the color name is [china rose](#). A complement of this color would be $63, 34.104, 168.084$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 39.002, 0.959$, and $26, 38.989, 0.179$ is the 20% darker color. If you saturate the color by 10%, you get $43, 45.882, 2.690$, and if you desaturate by 10%, it is $50, 31.447, 358.629$.

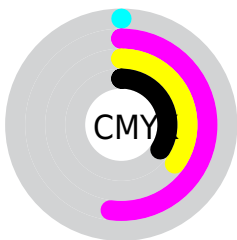
Distribution



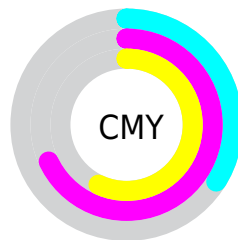
- Red (66%)
- Green (32%)
- Blue (43%)



- Red (66%)
- Yellow (32%)
- Blue (43%)



- Cyan (0%)
- Magenta (52%)
- Yellow (35%)
- Black (34%)










- Cyan (34%)
- Magenta (68%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 38.925, 0.443 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 46, 38.925, 0.443 by changing the saturation by 10% instead.

 46, 38.925, 0.443	 46, 38.925, 0.443
 100, 38.925, 0.443	 36, 38.925, 0.443
 66, 38.925, 0.443	 26, 38.925, 0.443
 76, 38.925, 0.443	 16, 38.925, 0.443
 86, 38.925, 0.443	 6, 38.925, 0.443
 96, 38.925, 0.443	 0, 38.925, 0.443

 46, 38.925, 0.443	 46, 38.925, 0.443
 43, 45.882, 2.690	 50, 31.447, 358.629
 40, 51.977, 5.511	
 37, 56.905, 9.077	 54, 23.760, 357.127

36, 60.566, 13.528

59, 16.089,
355.857

35, 63.043, 17.588

63, 8.579, 354.749

68, 1.315, 353.538

73, 5.662, 173.080

78, 12.340,
172.288

82, 18.726,
171.596

87, 24.834,
170.970

Harmonies

Complementary

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



46, 38.925, 0.443



63, 34.104, 168.084

Rectangle

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



46, 38.925, 0.443



46, 38.925, 50.443



46, 38.925, 180.443



46, 38.925, 230.443

Sweetspot

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



46, 38.922, 0.445



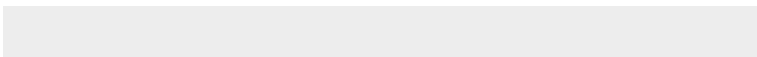
78, 14.523, 355.227



44, 54.431, 316.293



40, 9.823, 355.444



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



46, 38.922, 0.445



55, 57.062, 3.020



48, 35.374, 35.780



33, 4.090, 354.482



31, 57.332, 16.950



2, 7.156, 356.864

Inverse Universe

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



46, 38.922, 0.445



55, 57.062, 3.020



60, 23.791, 215.763



33, 4.090, 354.482



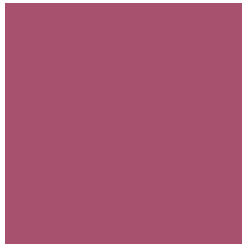
31, 57.332, 16.950



2, 7.156, 356.864

Previews

White Background



This preview shows how the CIELCh color 46, 38.925, 0.443 looks on a white background.

Color Contrast Check

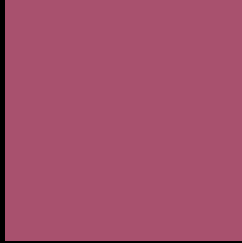
Large Text (above 18pt) WCAG AA ✓ Pass

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 46, 38.925, 0.443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

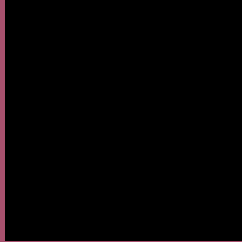
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 38.925, 0.443

Background



This preview shows how black text looks on a background with the CIELCh color 46, 38.925, 0.443.



This preview shows how white text looks on a background with the CIELCh color 46, 38.925, 0.443.

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

46, 38.925, 0.443

Protanopia

46, 10.725, 285.550

Deuteranopia

46, 6.295, 20.122



Tritanopia
46, 36.355, 19.499

Trichromacy



Original Color
46, 38.925, 0.443

Protanomaly
45, 17.500, 333.448

Deuteranomaly
46, 18.238, 3.147

Tritanomaly
46, 36.839, 12.632

Monochromacy



Original Color
46, 38.925, 0.443

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 14.814, 355.407

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 38.925, 0.443 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, 81, 110)` looks like.

```
.text, #text, p{  
    color:rgb(168, 81, 110)  
}
```

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, 81, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 81, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 38.925, 0.443 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, 81, 110) }
```

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

```
.border{ border-color:rgb(168, 81, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 81, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 81, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 81, 110);  
box-shadow:4px 4px 4px 4px rgb(168, 81,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 38.925, 0.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 81, 110) }
```

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

```
.background{ background-color: rgb(168, 81,  
110) }
```

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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