

Converting Colors

CIELCh(46, 39.217, 5.257)

Have a look what the booklet for
CIELCh(46, 39.217, 5.257) contains.

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Color

CIELCh(46, 39.227, 5.343)

Conversions

Conversions Part 1

Format	Color
Hex	A95068
RGB	169, 80, 104
RGB Percent	66%, 31%, 41%
CMY	0.3358, 0.6849, 0.5909
CMYK	0.00, 0.53, 0.38, 0.34
HSL	344°, 36%, 49%
HSV	344°, 53%, 66%
XYZ	21.8505, 15.2687, 14.9783
YIQ	109.3470, 45.3400, 26.3320

Conversions

Conversions Part 2

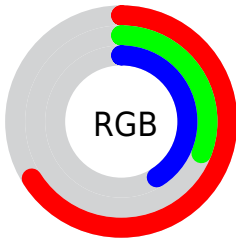
Format	Color
RYB	169, 80, 104
Decimal	11096168
CIELab	46.00, 39.06, 3.65
CIElCh	46, 39.227, 5.343
Yxy	15.2687, 0.4194, 0.2931
Android (android.graphics.Color)	4289286248 (0xFFA95068)
YUV	109.3470, -2.6361, 52.3157
Hunter-Lab	39.0751, 31.4341, 4.6255

Details

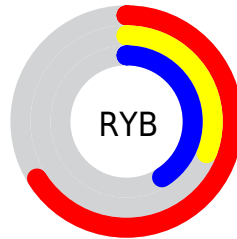
The CIELCh color **46, 39.227, 5.343** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **64, 32.930, 172.554**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 39.266, 5.415**, and **26, 38.942, 5.461** is the 20% darker color. If you saturate the color by 10%, you get **43, 46.375, 7.805**, and if you desaturate by 10%, it is **50, 31.651, 3.375**.

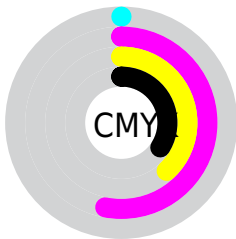
Distribution



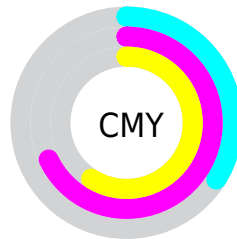
- Red (66%)
- Green (31%)
- Blue (41%)



- Red (66%)
- Yellow (31%)
- Blue (41%)



- Cyan (0%)
- Magenta (53%)
- Yellow (38%)
- Black (34%)



- Cyan (34%)
- Magenta (68%)
- Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 39.227, 5.343 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, 39.227, 5.343 by changing the saturation by 10% instead.

 46, 39.227, 5.343  46, 39.227, 5.343

 100, 39.227, 5.343  36, 39.227, 5.343

 66, 39.227, 5.343  26, 39.227, 5.343

 76, 39.227, 5.343  16, 39.227, 5.343


 86, 39.227, 5.343  6, 39.227, 5.343

 96, 39.227, 5.343  0, 39.227, 5.343

 46, 39.227, 5.343  46, 39.227, 5.343

 43, 46.375, 7.805  50, 31.651, 3.375

 40, 52.779, 10.909  54, 23.945, 1.767

 37, 58.172, 14.812  59, 16.317, 0.426

36, 62.494, 19.595

63, 8.904, 359.274

35, 65.399, 23.417

68, 1.781, 358.107

73, 5.021, 177.582

78, 11.498,
176.778

83, 17.660,
176.088

88, 23.530,
175.471

Harmonies

Complementary

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



46, 39.227, 5.343



64, 32.930, 172.554

Rectangle

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



46, 39.227, 5.343



46, 39.227, 55.343



46, 39.227, 185.343



46, 39.227, 235.343

Sweetspot

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



46, 39.224, 5.345



78, 14.099, 359.685



45, 56.002, 318.392



40, 9.542, 359.909



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, 39.224, 5.345



54, 57.499, 8.240



50, 34.793, 41.387



33, 3.961, 358.922



30, 58.948, 22.718



1, 6.964, 0.850

Inverse Universe

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



46, 39.224, 5.345



54, 57.499, 8.240



58, 23.581, 225.673



33, 3.961, 358.922



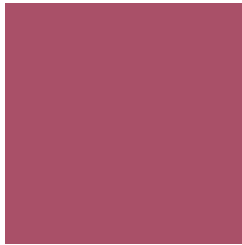
30, 58.948, 22.718



1, 6.964, 0.850

Previews

White Background



This preview shows how the CIELCh color 46, 39.227, 5.343 looks on a white background.

Color Contrast Check

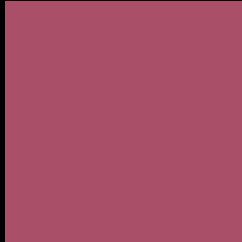
Large Text (above 18pt) WCAG AA ✓ Pass

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, 39.227, 5.343 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, 39.227, 5.343

Background



This preview shows how black text looks on a background with the CIELCh color 46, 39.227, 5.343.



This preview shows how white text looks on a background with the CIELCh color 46, 39.227, 5.343.

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, 39.227, 5.343

Protanopia

46, 7.132, 288.028

Deuteranopia

46, 8.528, 44.651



Tritanopia
46, 37.721, 19.957

Trichromacy



Original Color
46, 39.227, 5.343

Protanomaly
46, 15.831, 344.796

Deuteranomaly
46, 18.699, 12.949

Tritanomaly
46, 37.745, 14.016

Monochromacy



Original Color
46, 39.227, 5.343

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 14.815, 0.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 39.227, 5.343 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(169, 80, 104)` looks like.

```
.text, #text, p{  
    color:rgb(169, 80, 104)  
}
```

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(169, 80, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 80, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 39.227, 5.343 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(169, 80, 104) }
```

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

```
.border{ border-color:rgb(169, 80, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 80, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 80, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 80, 104);  
box-shadow:4px 4px 4px 4px rgb(169, 80,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 39.227, 5.343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 80, 104) }
```

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

```
.background{ background-color: rgb(169, 80,  
104) }
```

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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