

Converting Colors

CIELCh(46, 38.998, 350.567)

Have a look what the booklet for
CIELCh(46, 38.998, 350.567)
contains.

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Color

CIELCh(46, 39.038, 350.408)

Conversions

Conversions Part 1

Format	Color
Hex	A45279
RGB	164, 82, 121
RGB Percent	64%, 32%, 47%
CMY	0.3574, 0.6789, 0.5260
CMYK	0.00, 0.50, 0.26, 0.36
HSL	331°, 33%, 48%
HSV	331°, 50%, 64%
XYZ	21.7299, 15.2687, 19.8484
YIQ	110.9640, 36.3530, 29.5130

Conversions

Conversions Part 2

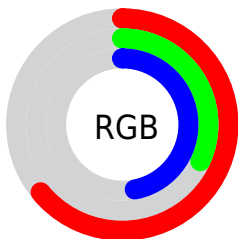
Format	Color
RYB	164, 82, 121
Decimal	10769017
CIELab	46.00, 38.49, -6.50
CIELCh	46, 39.038, 350.408
Yxy	15.2687, 0.3823, 0.2686
Android (android.graphics.Color)	4288959097 (0xFFA45279)
YUV	110.9640, 4.9477, 46.5126
Hunter-Lab	39.0751, 30.8834, -2.7641

Details

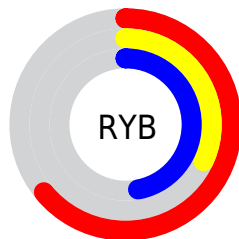
The CIELCh color **46, 39.038, 350.408** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **61, 36.682, 159.774**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 38.918, 350.711**, and **26, 39.418, 350.103** is the 20% darker color. If you saturate the color by 10%, you get **43, 45.944, 352.093**, and if you desaturate by 10%, it is **50, 31.476, 349.001**.

Distribution



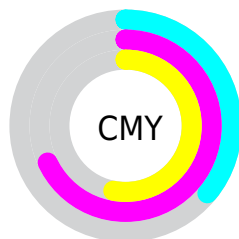
- Red (64%)
- Green (32%)
- Blue (47%)



- Red (64%)
- Yellow (32%)
- Blue (47%)



- Cyan (0%)
- Magenta (50%)
- Yellow (26%)
- Black (36%)



- Cyan (36%)
- Magenta (68%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 39.038, 350.408 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, 39.038, 350.408 by changing the saturation by 10% instead.

 46, 39.038,
350.408


 46, 39.038,
350.408


 100, 39.038,
350.408

 36, 39.038,
350.408

 66, 39.038,
350.408


 26, 39.038,
350.408

 76, 39.038,
350.408

 16, 39.038,
350.408

 86, 39.038,
350.408

 6, 39.038, 350.408

 96, 39.038,
350.408

 0, 39.038, 350.408

 46, 39.038,

 46, 39.038,

350.408

350.408

■ 43, 45.944,
352.093

■ 50, 31.476,
349.001

■ 40, 51.813,
354.158

■ 54, 23.593,
347.795

■ 37, 56.272,
356.740

■ 58, 15.626,
346.736

■ 36, 59.099, 0.001

■ 63, 7.739, 345.780

■ 35, 60.717, 3.877

■ 67, 0.032, 333.666

■ 72, 7.444, 164.272

■ 77, 14.662,
163.550

■ 81, 21.618,
162.900

■ 86, 28.321,

Harmonies

Complementary

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



46, 39.038, 350.408



61, 36.682, 159.774

Rectangle

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



46, 39.038, 350.408



46, 39.038, 40.408



46, 39.038, 170.408



46, 39.038, 220.408

Sweetspot

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



46, 39.036, 350.409



77, 14.480, 346.273



43, 50.895, 312.077



39, 9.883, 346.465



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



46, 39.036, 350.409



55, 56.939, 352.299



45, 36.738, 25.998



32, 4.345, 345.709



31, 55.639, 3.382



1, 6.487, 347.548

Inverse Universe

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



46, 39.036, 350.409



55, 56.939, 352.299



62, 25.555, 198.970



32, 4.345, 345.709



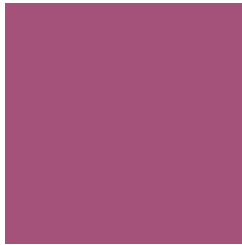
31, 55.639, 3.382



1, 6.487, 347.548

Previews

White Background



This preview shows how the CIELCh color 46, 39.038, 350.408 looks on a white background.

Color Contrast Check

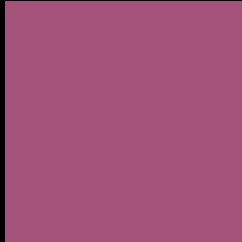
Large Text (above 18pt) WCAG AA ✓ Pass

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 46, 39.038, 350.408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

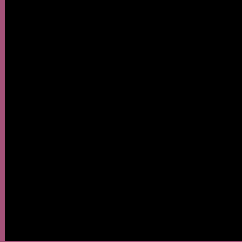
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 39.038, 350.408

Background



This preview shows how black text looks on a background with the CIELCh color 46, 39.038, 350.408.



This preview shows how white text looks on a background with the CIELCh color 46, 39.038, 350.408.

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, 39.038, 350.408

Protanopia

46, 17.898, 285.684

Deuteranopia

46, 7.932, 324.910



Tritanopia
46, 32.626, 17.172

Trichromacy



Original Color
46, 39.038, 350.408

Protanomaly
45, 22.656, 318.821

Deuteranomaly
46, 19.459, 342.422

Tritanomaly
46, 34.044, 5.957

Monochromacy



Original Color
46, 39.038, 350.408

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 15.158, 345.615

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 39.038, 350.408 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(164, 82, 121)` looks like.

```
.text, #text, p{  
    color:rgb(164, 82, 121)  
}
```

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(164, 82, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 82, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 39.038, 350.408 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(164, 82, 121) }
```

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

```
.border{ border-color:rgb(164, 82, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 82, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 82, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 82, 121);  
box-shadow:4px 4px 4px 4px rgb(164, 82,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 39.038, 350.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 82, 121) }
```

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

```
.background{ background-color: rgb(164, 82,  
121) }
```

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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