

Converting Colors

CIELCh(46, 37.562, 359.106)

Have a look what the booklet for
CIELCh(46, 37.562, 359.106)
contains.

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Color

CIELCh(46, 37.469, 358.983)

Conversions

Conversions Part 1

Format	Color
Hex	A5526F
RGB	165, 82, 111
RGB Percent	65%, 32%, 44%
CMY	0.3516, 0.6772, 0.5636
CMYK	0.00, 0.50, 0.33, 0.35
HSL	339°, 34%, 49%
HSV	339°, 50%, 65%
XYZ	21.5112, 15.2687, 16.9372
YIQ	110.1230, 40.1590, 26.6150

Conversions

Conversions Part 2

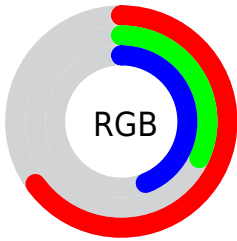
Format	Color
R_{YB}	165, 82, 111
Decimal	10834543
CIE Lab	46.00, 37.46, -0.67
CIE LCh	46, 37.469, 358.983
Yxy	15.2687, 0.4005, 0.2842
Android (android.graphics.Color)	4289024623 (0xFFA5526F)
YUV	110.1230, 0.4324, 48.1271
Hunter-Lab	39.0751, 29.8843, 1.6532

Details

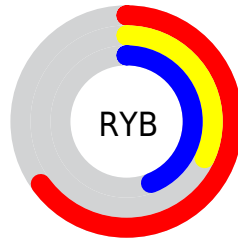
The CIELCh color **46, 37.469, 358.983** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **62, 33.241, 167.266**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 37.342, 358.669**, and **26, 37.162, 359.476** is the 20% darker color. If you saturate the color by 10%, you get **43, 44.430, 1.099**, and if you desaturate by 10%, it is **50, 30.023, 357.264**.

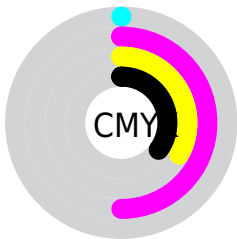
Distribution



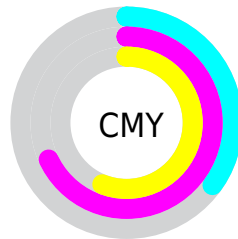
- Red (65%)
- Green (32%)
- Blue (44%)



- Red (65%)
- Yellow (32%)
- Blue (44%)



- Cyan (0%)
- Magenta (50%)
- Yellow (33%)
- Black (35%)





- Cyan (35%)
- Magenta (68%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 37.469, 358.983 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, 37.469, 358.983 by changing the saturation by 10% instead.


 46, 37.469,
358.983


 46, 37.469,
358.983


 100, 37.469,
358.983


 36, 37.469,
358.983

 66, 37.469,
358.983


 26, 37.469,
358.983

 76, 37.469,
358.983

 16, 37.469,
358.983

 86, 37.469,
358.983

 6, 37.469, 358.983

 96, 37.469,
358.983

 0, 37.469, 358.983

 46, 37.469,

 46, 37.469,

358.983

358.983

43, 44.430, 1.099

50, 30.023,
357.264

40, 50.564, 3.746

54, 22.394,
355.831

37, 55.549, 7.091

36, 59.230, 11.291

59, 14.792,
354.609

35, 62.018, 16.045

63, 7.354, 353.533

68, 0.160, 350.160

73, 6.756, 171.904

77, 13.381,
171.136

82, 19.723,
170.457

87, 25.795,

Harmonies

Complementary

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



46, 37.469, 358.983



62, 33.241, 167.266

Rectangle

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



46, 37.469, 358.983



46, 37.469, 48.983



46, 37.469, 178.983



46, 37.469, 228.983

Sweetspot

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



46, 37.467, 358.985



77, 13.443, 354.063



44, 52.145, 316.233



39, 9.185, 354.279



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, 37.467, 358.985



55, 54.569, 1.306



48, 33.647, 35.625



32, 4.021, 353.433



30, 56.306, 15.390



1, 6.045, 354.836

Inverse Universe

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



46, 37.467, 358.985



55, 54.569, 1.306



59, 22.983, 215.616



32, 4.021, 353.433



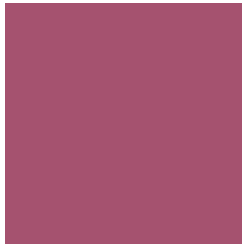
30, 56.306, 15.390



1, 6.045, 354.836

Previews

White Background



This preview shows how the CIELCh color 46, 37.469, 358.983 looks on a white background.

Color Contrast Check

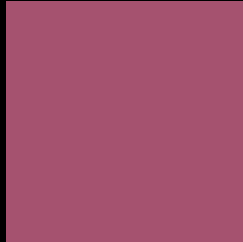
Large Text (above 18pt) WCAG AA ✓ Pass

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, 37.469, 358.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

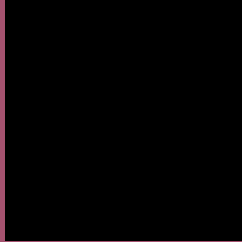
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 37.469, 358.983

Background



This preview shows how black text looks on a background with the CIELCh color 46, 37.469, 358.983.



This preview shows how white text looks on a background with the CIELCh color 46, 37.469, 358.983.

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, 37.469, 358.983

Protanopia

46, 10.725, 285.550

Deuteranopia

46, 6.303, 14.765



Tritanopia
46, 34.492, 18.831

Trichromacy



Original Color
46, 37.469, 358.983

Protanomaly
45, 17.500, 333.448

Deuteranomaly
46, 18.146, 359.033

Tritanomaly
46, 34.670, 11.359

Monochromacy



Original Color
46, 37.469, 358.983

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 13.813, 355.951

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 37.469, 358.983 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(165, 82, 111)` looks like.

```
.text, #text, p{  
    color:rgb(165, 82, 111)  
}
```

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(165, 82, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 82, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 37.469, 358.983 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(165, 82, 111) }
```

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

```
.border{ border-color:rgb(165, 82, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 82, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 82, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 82, 111); box-shadow:4px 4px 4px 4px rgb(165, 82, 111) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 37.469, 358.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 82, 111) }
```

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

```
.background{ background-color: rgb(165, 82,  
111) }
```

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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