

Converting Colors

CIELCh(46, 72.491, 313.313)

Have a look what the booklet for
CIELCh(46, 72.491, 313.313)
contains.

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Color

CIELCh(46, 72.423, 313.453)

Conversions

Conversions Part 1

Format	Color
Hex	8F4DC6
RGB	143, 77, 198
RGB Percent	56%, 30%, 78%
CMY	0.4386, 0.6974, 0.2229
CMYK	0.28, 0.61, 0.00, 0.22
HSL	273°, 52%, 54%
HSV	273°, 61%, 78%
XYZ	24.2335, 15.2687, 55.1972
YIQ	110.5280, 0.4950, 51.6230

Conversions

Conversions Part 2

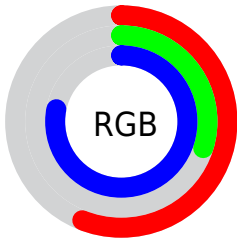
Format	Color
R_{YB}	143, 77, 198
Decimal	9391558
CIE _{Lab}	46.00, 49.81, -52.57
CIE _{LCh}	46, 72.423, 313.453
Yxy	15.2687, 0.2559, 0.1612
Android (android.graphics.Color)	4287581638 (0xFF8F4DC6)
YUV	110.5280, 43.1237, 28.4779
Hunter-Lab	39.0751, 42.3200, -56.3999

Details

The CIELCh color **46, 72.423, 313.453** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **73, 66.860, 127.978**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 72.315, 313.564**, and **26, 72.417, 313.548** is the 20% darker color. If you saturate the color by 10%, you get **41, 83.056, 313.718**, and if you desaturate by 10%, it is **51, 60.806, 313.049**.

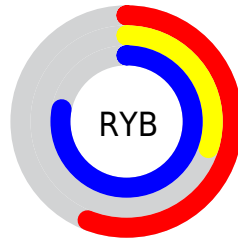
Distribution



Red (56%)

Green (30%)

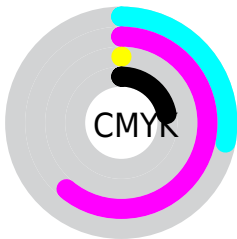
Blue (78%)



Red (56%)

Yellow (30%)

Blue (78%)

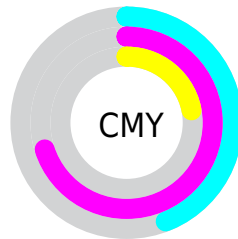


Cyan (28%)

Magenta (61%)

Yellow (0%)

Black (22%)



Cyan (44%)


Magenta (70%)

Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 72.423, 313.453 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, 72.423, 313.453 by changing the saturation by 10% instead.

 46, 72.423,
313.453


 46, 72.423,
313.453


 100, 72.423,
313.453

 36, 72.423,
313.453

 66, 72.423,
313.453


 26, 72.423,
313.453

 76, 72.423,
313.453

 16, 72.423,
313.453

 86, 72.423,
313.453

 6, 72.423, 313.453

 96, 72.423,
313.453

 0, 72.423, 313.453

 46, 72.423,

 46, 72.423,

313.453

41, 83.056,
313.718

38, 91.998,
313.753

34, 98.486,
313.456

32, 102.249,
312.928

313.453

51, 60.806,
313.049

56, 48.741,
312.574

62, 36.578,
312.075

68, 24.531,
311.582

74, 12.723,
311.109

79, 1.216, 310.578

85, 9.960, 130.306

91, 20.798,
129.945

■ 97, 31.006,
129.495

Harmonies

Complementary

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



46, 72.423, 313.453



73, 66.860, 127.978

Rectangle

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



46, 72.423, 313.453



46, 72.423, 3.453



46, 72.423, 133.453



46, 72.423, 183.453

Sweetspot

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



46, 72.422, 313.453



87, 25.634, 311.447



55, 39.115, 271.811



44, 17.878, 311.589



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



46, 72.422, 313.453



52, 103.951, 313.758



53, 73.308, 328.509



39, 6.525, 311.032



26, 88.410, 313.087



2, 22.569, 307.616

Inverse Universe

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



51, 53.804, 353.893



60, 75.045, 356.987



71, 74.304, 139.928



39, 5.049, 346.941



35, 60.463, 5.886



4, 17.449, 355.723

Previews

White Background



This preview shows how the CIELCh color 46, 72.423, 313.453 looks on a white background.

Color Contrast Check

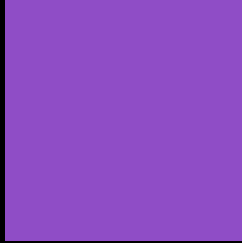
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72.423, 313.453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

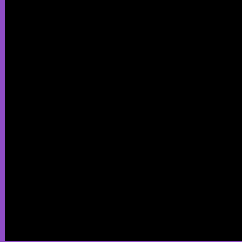
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 72.423, 313.453

Background



This preview shows how black text looks on a background with the CIELCh color 46, 72.423, 313.453.

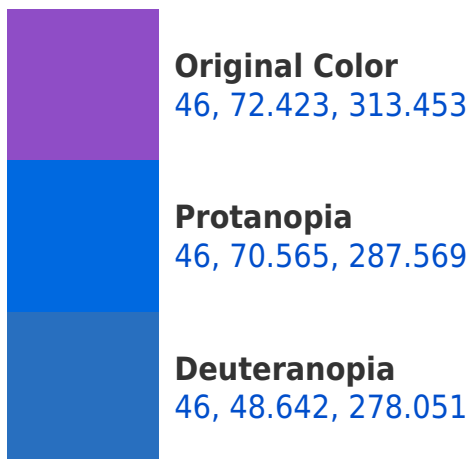


This preview shows how white text looks on a background with the CIELCh color 46, 72.423, 313.453.

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





Tritanopia
46, 11.811, 357.390

Trichromacy



Original Color
46, 72.423, 313.453



Protanomaly
44, 71.351, 292.595



Deuteranomaly
45, 56.478, 292.133



Tritanomaly
45, 32.826, 321.413

Monochromacy



Original Color
46, 72.423, 313.453



Achromatopsia
47, 0.006, 296.813



Achromatomaly
46, 27.737, 312.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 72.423, 313.453 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(143, 77, 198)` looks like.

```
.text, #text, p{  
    color:rgb(143, 77, 198)  
}
```

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(143, 77, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 77, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 72.423, 313.453 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(143, 77, 198) }
```

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

```
.border{ border-color:rgb(143, 77, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 77, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 77, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 77, 198);  
box-shadow:4px 4px 4px 4px rgb(143, 77,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 72.423, 313.453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 77, 198) }
```

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

```
.background{ background-color: rgb(143, 77,  
198) }
```

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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