

Converting Colors

CIELCh(46, 26.512, 315.128)

Have a look what the booklet for
CIELCh(46, 26.512, 315.128)
contains.

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Color

CIELCh(46, 26.462, 315.624)

Conversions

Conversions Part 1

Format	Color
Hex	7E638C
RGB	126, 99, 140
RGB Percent	49%, 39%, 55%
CMY	0.5057, 0.6115, 0.4508
CMYK	0.10, 0.29, 0.00, 0.45
HSL	280°, 17%, 47%
HSV	280°, 29%, 55%
XYZ	17.8170, 15.2687, 26.8408
YIQ	111.7470, 2.9310, 18.4750

Conversions

Conversions Part 2

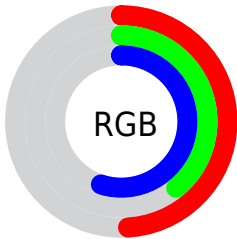
Format	Color
RYB	126, 99, 140
Decimal	8283020
CIELab	46.00, 18.91, -18.51
CIElCh	46, 26.462, 315.624
Yxy	15.2687, 0.2973, 0.2548
Android (android.graphics.Color)	4286473100 (0xFF7E638C)
YUV	111.7470, 13.9287, 12.4999
Hunter-Lab	39.0751, 13.0088, -13.3738

Details

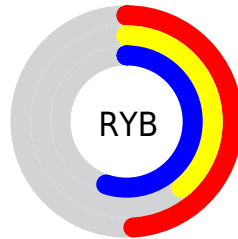
The CIELCh color $46, 26.462, 315.624$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 25.811, 133.096$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 26.620, 315.382$, and $26, 26.549, 315.229$ is the 20% darker color. If you saturate the color by 10%, you get $42, 35.674, 316.048$, and if you desaturate by 10%, it is $50, 17.277, 315.191$.

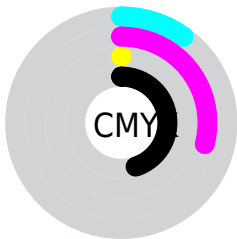
Distribution



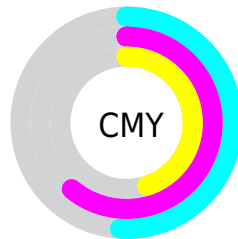
- Red (49%)
- Green (39%)
- Blue (55%)



- Red (49%)
- Yellow (39%)
- Blue (55%)



- Cyan (10%)
- Magenta (29%)
- Yellow (0%)
- Black (45%)




- Cyan (51%)
- Magenta (61%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 26.462, 315.624 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, 26.462, 315.624 by changing the saturation by 10% instead.


 46, 26.462,
315.624


 46, 26.462,
315.624


 100, 26.462,
315.624


 36, 26.462,
315.624

 66, 26.462,
315.624


 26, 26.462,
315.624

 76, 26.462,
315.624

 16, 26.462,
315.624

 86, 26.462,
315.624

 6, 26.462, 315.624

 96, 26.462,
315.624

 0, 26.462, 315.624

 46, 26.462,

 46, 26.462,

315.624

42, 35.674,
316.048

38, 44.752,
316.440

35, 53.443,
316.763

31, 61.392,
316.969

28, 68.154,
316.994

26, 73.260,
316.770

24, 76.898,
316.341

24, 77.168,
316.315

315.624

50, 17.277,
315.191

54, 8.228, 314.763

59, 0.628, 134.586

63, 9.259, 134.021

67, 17.650,
133.672

71, 25.800,
133.357

76, 33.712,
133.074

80, 41.394,
132.820

84, 48.856,

Harmonies

Complementary

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



46, 26.462, 315.624



55, 25.811, 133.096

Rectangle

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



46, 26.462, 315.624



46, 26.462, 5.624



46, 26.462, 135.624



46, 26.462, 185.624

Sweetspot

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



46, 26.461, 315.624



69, 9.845, 314.760



48, 16.372, 274.133



36, 6.905, 314.816



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



46, 26.461, 315.624



56, 39.153, 315.900



47, 25.934, 330.566



27, 4.936, 314.758



23, 74.141, 316.366



0, 2.269, 314.405

Inverse Universe

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



47, 18.851, 356.178



57, 27.967, 357.049



55, 25.871, 146.773



27, 3.475, 353.918



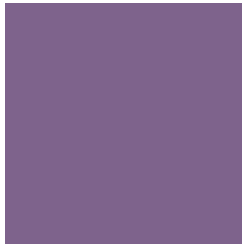
27, 52.707, 15.596



0, 1.587, 353.148

Previews

White Background



This preview shows how the CIELCh color 46, 26.462, 315.624 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, 26.462, 315.624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

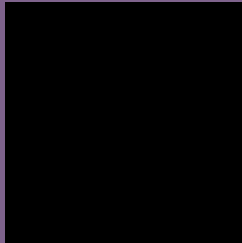
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 26.462, 315.624

Background



This preview shows how black text looks on a background with the CIELCh color 46, 26.462, 315.624.



This preview shows how white text looks on a background with the CIELCh color 46, 26.462, 315.624.

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, 26.462, 315.624

Protanopia

46, 22.718, 284.525

Deuteranopia

46, 18.445, 289.320



Tritanopia
46, 9.130, 344.826

Trichromacy



Original Color
46, 26.462, 315.624

Protanomaly
46, 23.268, 295.914

Deuteranomaly
46, 21.120, 300.928

Tritanomaly
46, 15.059, 325.324

Monochromacy



Original Color
46, 26.462, 315.624

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 9.791, 315.148

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 26.462, 315.624 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(126, 99, 140)` looks like.

```
.text, #text, p{  
    color:rgb(126, 99, 140)  
}
```

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(126, 99, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 99, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 26.462, 315.624 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(126, 99, 140) }
```

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

```
.border{ border-color:rgb(126, 99, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 99, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 99, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 99, 140);  
box-shadow:4px 4px 4px 4px rgb(126, 99,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 26.462, 315.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 99, 140) }
```

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

```
.background{ background-color: rgb(126, 99,  
140) }
```

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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