

Converting Colors

CIELCh(46, 28.959, 313.824)

Have a look what the booklet for
CIELCh(46, 28.959, 313.824)
contains.

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Color

CIELCh(46, 28.615, 313.825)

Conversions

Conversions Part 1

Format	Color
Hex	7E6390
RGB	126, 99, 144
RGB Percent	49%, 39%, 56%
CMY	0.5073, 0.6131, 0.4367
CMYK	0.13, 0.31, 0.00, 0.44
HSL	276°, 19%, 48%
HSV	276°, 31%, 56%
XYZ	17.9858, 15.2687, 28.2371
YIQ	112.2030, 1.6470, 19.7190

Conversions

Conversions Part 2

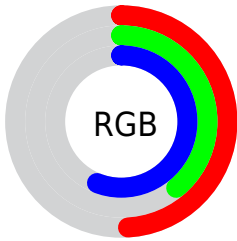
Format	Color
RYB	126, 99, 144
Decimal	8283024
CIELab	46.00, 19.81, -20.64
CIElCh	46, 28.615, 313.825
Yxy	15.2687, 0.2925, 0.2483
Android (android.graphics.Color)	4286473104 (0xFF7E6390)
YUV	112.2030, 15.6759, 12.1000
Hunter-Lab	39.0751, 13.7796, -15.4925

Details

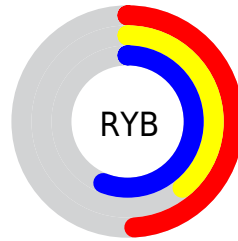
The CIELCh color $46, 28.615, 313.825$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 27.699, 131.093$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 28.640, 313.670$, and $26, 28.309, 313.842$ is the 20% darker color. If you saturate the color by 10%, you get $42, 37.984, 314.274$, and if you desaturate by 10%, it is $50, 19.294, 313.373$.

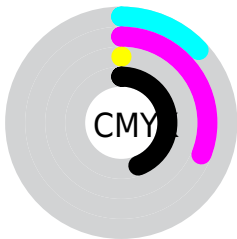
Distribution



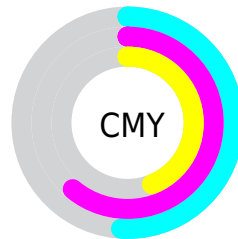
- Red (49%)
- Green (39%)
- Blue (56%)



- Red (49%)
- Yellow (39%)
- Blue (56%)



- Cyan (13%)
- Magenta (31%)
- Yellow (0%)
- Black (44%)





- Cyan (51%)
- Magenta (61%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 28.615, 313.825 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, 28.615, 313.825 by changing the saturation by 10% instead.


 46, 28.615,
313.825


 46, 28.615,
313.825


 100, 28.615,
313.825


 36, 28.615,
313.825


 66, 28.615,
313.825


 26, 28.615,
313.825

 76, 28.615,
313.825

 16, 28.615,
313.825

 86, 28.615,
313.825

 6, 28.615, 313.825

 96, 28.615,
313.825

 0, 28.615, 313.825

 46, 28.615,

 46, 28.615,

313.825

42, 37.984,
314.274

38, 47.235,
314.692

34, 56.106,
315.038

31, 64.216,
315.256

28, 71.074,
315.272

25, 76.164,
315.002

24, 79.525,
314.625

313.825

50, 19.294,
313.373

55, 10.126,
312.932

59, 1.166, 312.433

63, 7.556, 132.171

68, 16.031,
131.817

72, 24.256,
131.503

77, 32.238,
131.224

81, 39.986,
130.975

■ 85, 47.511,
130.757

Harmonies

Complementary

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



46, 28.615, 313.825



57, 27.699, 131.093

Rectangle

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



46, 28.615, 313.825



46, 28.615, 3.825



46, 28.615, 133.825



46, 28.615, 183.825

Sweetspot

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



46, 28.614, 313.825



71, 9.929, 312.840



49, 16.527, 268.736



37, 6.965, 312.897



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



46, 28.614, 313.825



55, 43.119, 314.162



48, 29.619, 328.516



28, 5.017, 312.839



22, 76.050, 314.686



0, 3.353, 312.479

Inverse Universe

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



47, 21.207, 352.563



57, 31.913, 353.550



56, 29.602, 144.582



28, 3.706, 350.160



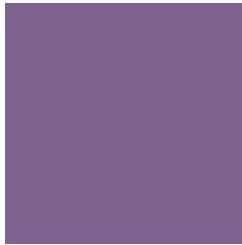
28, 52.793, 10.192



1, 2.468, 349.407

Previews

White Background



This preview shows how the CIELCh color 46, 28.615, 313.825 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, 28.615, 313.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

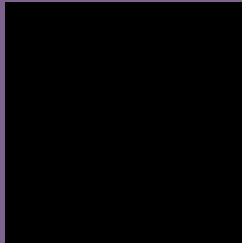
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 28.615, 313.825

Background



This preview shows how black text looks on a background with the CIELCh color 46, 28.615, 313.825.



This preview shows how white text looks on a background with the CIELCh color 46, 28.615, 313.825.

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, 28.615, 313.825

Protanopia

46, 25.119, 284.301

Deuteranopia

46, 20.839, 288.139



Tritanopia
46, 8.114, 344.689

Trichromacy



Original Color
46, 28.615, 313.825

Protanomaly
46, 25.611, 295.152

Deuteranomaly
46, 23.420, 299.434

Tritanomaly
46, 14.825, 323.990

Monochromacy



Original Color
46, 28.615, 313.825

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 10.879, 312.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 28.615, 313.825 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(126, 99, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 99, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 28.615, 313.825 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, 144) }
```

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

```
.border{ border-color:rgb(126, 99, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 99, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 99, 144);  
box-shadow:4px 4px 4px 4px rgb(126, 99,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 28.615, 313.825 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, 144) }
```

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

```
.background{ background-color: rgb(126, 99,  
144) }
```

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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