

Converting Colors

CIELCh(46, 24.771, 316.877)

Have a look what the booklet for
CIELCh(46, 24.771, 316.877)
contains.

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Color

CIELCh(46, 24.869, 317.212)

Conversions

Conversions Part 1

Format	Color
Hex	7E6389
RGB	126, 99, 137
RGB Percent	49%, 39%, 54%
CMY	0.5045, 0.6104, 0.4613
CMYK	0.08, 0.28, 0.00, 0.46
HSL	283°, 16%, 46%
HSV	283°, 28%, 54%
XYZ	17.6934, 15.2687, 25.8181
YIQ	111.4050, 3.8940, 17.5420

Conversions

Conversions Part 2

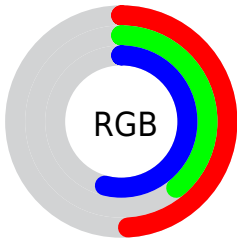
Format	Color
R_{YB}	126, 99, 137
Decimal	8283017
CIE _{Lab}	46.00, 18.25, -16.89
CIE _{LCh}	46, 24.869, 317.212
Yxy	15.2687, 0.3010, 0.2598
Android (android.graphics.Color)	4286473097 (0xFF7E6389)
YUV	111.4050, 12.6183, 12.7998
Hunter-Lab	39.0751, 12.4439, -11.8220

Details

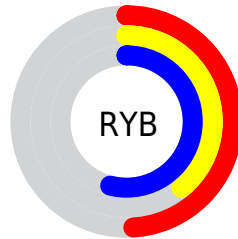
The CIELCh color $46, 24.869, 317.212$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $54, 24.396, 134.800$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 24.631, 317.408$, and $26, 24.808, 316.862$ is the 20% darker color. If you saturate the color by 10%, you get $42, 33.983, 317.627$, and if you desaturate by 10%, it is $50, 15.765, 316.786$.

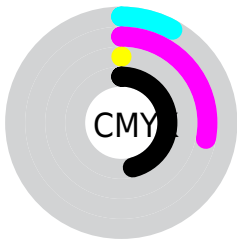
Distribution



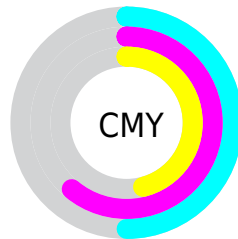
- Red (49%)
- Green (39%)
- Blue (54%)



- Red (49%)
- Yellow (39%)
- Blue (54%)



- Cyan (8%)
- Magenta (28%)
- Yellow (0%)
- Black (46%)




- Cyan (50%)
- Magenta (61%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 24.869, 317.212 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, 24.869, 317.212 by changing the saturation by 10% instead.


 46, 24.869,
317.212


 46, 24.869,
317.212


 100, 24.869,
317.212

 36, 24.869,
317.212

 66, 24.869,
317.212


 26, 24.869,
317.212

 76, 24.869,
317.212

 16, 24.869,
317.212

 86, 24.869,
317.212

 6, 24.869, 317.212

 96, 24.869,
317.212

 0, 24.869, 317.212

 46, 24.869,

 46, 24.869,

317.212

317.212

42, 33.983,
317.627

50, 15.765,
316.786

38, 42.944,
318.009

54, 6.781, 316.358

35, 51.506,
318.325

58, 2.020, 136.048

62, 10.605,
135.616

32, 59.330,
318.532

66, 18.955,
135.262

29, 65.999,
318.576

71, 27.068,
134.939

27, 71.082,
318.401

75, 34.945,
134.646

25, 74.563,
318.007

79, 42.594,
134.381

25, 75.357,
317.922

■ 83, 50.025,
134.143

Harmonies

Complementary

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



46, 24.869, 317.212



54, 24.396, 134.800

Rectangle

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



46, 24.869, 317.212



46, 24.869, 7.212



46, 24.869, 137.212



46, 24.869, 187.212

Sweetspot

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



46, 24.867, 317.212



69, 8.757, 316.379



47, 16.162, 277.651



35, 6.208, 316.438



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



46, 24.867, 317.212



56, 36.827, 317.465



47, 23.318, 332.235



27, 5.002, 316.422



24, 73.442, 317.953



0, 2.301, 316.066

Inverse Universe

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



46, 17.129, 359.586



57, 25.509, 0.408



54, 23.217, 148.548



27, 3.382, 357.474



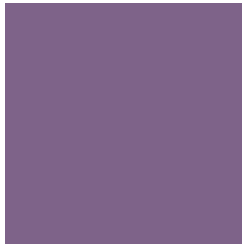
27, 53.743, 20.332



0, 1.542, 356.696

Previews

White Background



This preview shows how the CIELCh color 46, 24.869, 317.212 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, 24.869, 317.212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

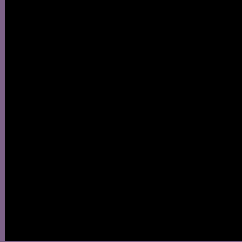
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 24.869, 317.212

Background



This preview shows how black text looks on a background with the CIELCh color 46, 24.869, 317.212.



This preview shows how white text looks on a background with the CIELCh color 46, 24.869, 317.212.

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, 24.869, 317.212

Protanopia

46, 21.514, 284.710

Deuteranopia

46, 17.246, 291.306



Tritanopia
46, 9.165, 349.467

Trichromacy



Original Color
46, 24.869, 317.212

Protanomaly
46, 22.110, 296.856

Deuteranomaly
46, 19.424, 302.624

Tritanomaly
46, 14.350, 329.402

Monochromacy



Original Color
46, 24.869, 317.212

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 9.255, 316.635

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 24.869, 317.212 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(126, 99, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 99, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 24.869, 317.212 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, 137) }
```

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

```
.border{ border-color:rgb(126, 99, 137) }
```

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, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 99, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 99, 137);  
box-shadow:4px 4px 4px 4px rgb(126, 99,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 24.869, 317.212 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, 137) }
```

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

```
.background{ background-color: rgb(126, 99,  
137) }
```

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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