

Converting Colors

CIELCh(46, 27.928, 349.454)

Have a look what the booklet for
CIELCh(46, 27.928, 349.454)
contains.

CIELCh(46, 28.175, 349.437)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(46, 28.175, 349.437)

Conversions

Conversions Part 1

Format	Color
Hex	955B76
RGB	149, 91, 118
RGB Percent	58%, 36%, 46%
CMY	0.4144, 0.6420, 0.5361
CMYK	0.00, 0.39, 0.21, 0.41
HSL	332°, 24%, 47%
HSV	332°, 39%, 59%
XYZ	19.5085, 15.2687, 19.1531
YIQ	111.4200, 25.9010, 20.6930

Conversions

Conversions Part 2

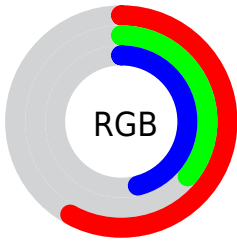
Format	Color
R_{YB}	149, 91, 118
Decimal	9788278
CIE _{Lab}	46.00, 27.70, -5.16
CIE _{LCh}	46, 28.175, 349.437
Yxy	15.2687, 0.3617, 0.2831
Android (android.graphics.Color)	4287978358 (0xFF955B76)
YUV	111.4200, 3.2439, 32.9577
Hunter-Lab	39.0751, 20.7359, -1.7090

Details

The CIELCh color $46, 28.175, 349.437$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 26.681, 161.801$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 28.160, 349.328$, and $26, 28.480, 349.307$ is the 20% darker color. If you saturate the color by 10%, you get $42, 35.221, 350.826$, and if you desaturate by 10%, it is $50, 20.873, 348.247$.

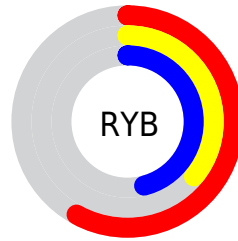
Distribution



Red (58%)

Green (36%)

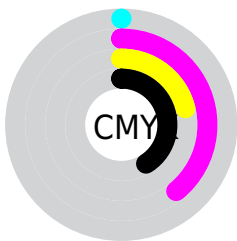
Blue (46%)



Red (58%)

Yellow (36%)

Blue (46%)

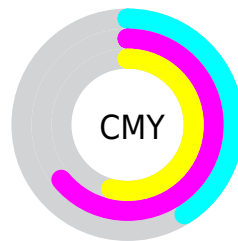


Cyan (0%)

Magenta (39%)

Yellow (21%)

Black (41%)



Cyan (41%)

Magenta (64%)

Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 28.175, 349.437 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, 28.175, 349.437 by changing the saturation by 10% instead.

 46, 28.175,
349.437

 46, 28.175,
349.437

 100, 28.175,
349.437

 36, 28.175,
349.437

 66, 28.175,
349.437

 26, 28.175,
349.437

 76, 28.175,
349.437

 16, 28.175,
349.437

 86, 28.175,
349.437

 6, 28.175, 349.437

 96, 28.175,
349.437

 0, 28.175, 349.437

 46, 28.175,

 46, 28.175,

349.437

349.437

42, 35.221,
350.826

50, 20.873,
348.247

39, 41.733,
352.482

54, 13.530,
347.200

36, 47.363,
354.505

58, 6.280, 346.248

34, 51.765,
357.029

62, 0.793, 165.897

67, 7.645, 164.761

33, 54.705, 0.211

71, 14.258,
164.049

32, 56.476, 4.035

75, 20.630,

31, 56.687, 4.472

163.406

80, 26.768,
162.815

84, 32.685,

Harmonies

Complementary

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



46, 28.175, 349.437



57, 26.681, 161.801

Rectangle

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



46, 28.175, 349.437



46, 28.175, 39.437



46, 28.175, 169.437



46, 28.175, 219.437

Sweetspot

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



46, 28.173, 349.438



72, 10.569, 346.564



44, 36.484, 312.031



37, 7.000, 346.671



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



46, 28.173, 349.438



55, 41.945, 350.690



46, 25.117, 25.328



29, 3.976, 346.280



29, 53.452, 4.108



1, 3.436, 345.556

Inverse Universe

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



46, 28.173, 349.438



55, 41.945, 350.690



57, 19.135, 200.992



29, 3.976, 346.280



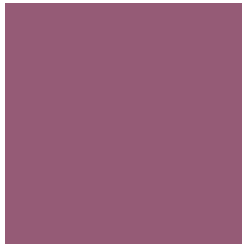
29, 53.452, 4.108



1, 3.436, 345.556

Previews

White Background



This preview shows how the CIELCh color 46, 28.175, 349.437 looks on a white background.

Color Contrast Check

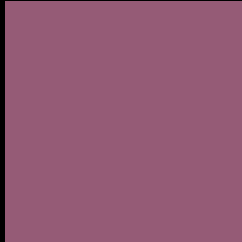
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.175, 349.437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

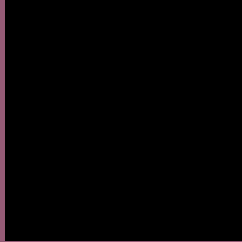
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 28.175, 349.437

Background



This preview shows how black text looks on a background with the CIELCh color 46, 28.175, 349.437.



This preview shows how white text looks on a background with the CIELCh color 46, 28.175, 349.437.

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, 28.175, 349.437

Protanopia

46, 12.512, 286.728

Deuteranopia

46, 7.454, 327.486



Tritanopia
46, 23.609, 12.796

Trichromacy



Original Color
46, 28.175, 349.437

Protanomaly
46, 15.656, 320.375

Deuteranomaly
46, 14.825, 341.684

Tritanomaly
46, 24.512, 3.489

Monochromacy



Original Color
46, 28.175, 349.437

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 10.810, 347.666

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 28.175, 349.437 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(149, 91, 118)` looks like.

```
.text, #text, p{  
    color:rgb(149, 91, 118)  
}
```

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(149, 91, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 91, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 28.175, 349.437 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(149, 91, 118) }
```

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

```
.border{ border-color:rgb(149, 91, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 91, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 91, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 91, 118);  
box-shadow:4px 4px 4px 4px rgb(149, 91,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 28.175, 349.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 91, 118) }
```

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

```
.background{ background-color: rgb(149, 91,  
118) }
```

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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