

Converting Colors

CIELCh(46, 26.609, 346.273)

Have a look what the booklet for
CIELCh(46, 26.609, 346.273)
contains.

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Color

CIELCh(46, 26.496, 346.510)

Conversions

Conversions Part 1

Format	Color
Hex	925D78
RGB	146, 93, 120
RGB Percent	57%, 36%, 47%
CMY	0.4278, 0.6356, 0.5298
CMYK	0.00, 0.36, 0.18, 0.43
HSL	329°, 22%, 47%
HSV	329°, 36%, 57%
XYZ	19.1276, 15.2687, 19.6788
YIQ	111.9250, 22.9210, 19.6330

Conversions

Conversions Part 2

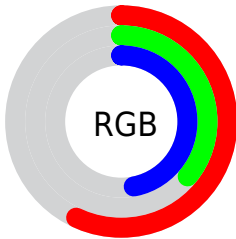
Format	Color
R _{YB}	146, 93, 120
Decimal	9592184
CIE Lab	46.00, 25.76, -6.18
CIE LCh	46, 26.496, 346.510
Yxy	15.2687, 0.3537, 0.2824
Android (android.graphics.Color)	4287782264 (0xFF925D78)
YUV	111.9250, 3.9810, 29.8838
Hunter-Lab	39.0751, 18.9955, -2.5066

Details

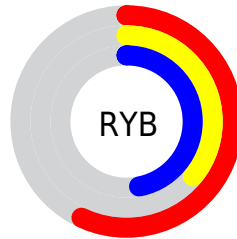
The CIELCh color $46, 26.496, 346.510$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 25.438, 159.775$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 26.538, 346.752$, and $26, 26.868, 345.753$ is the 20% darker color. If you saturate the color by 10%, you get $42, 33.613, 347.741$, and if you desaturate by 10%, it is $50, 19.154, 345.437$.

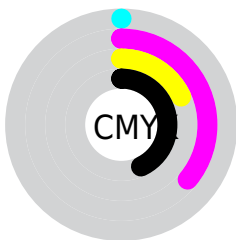
Distribution



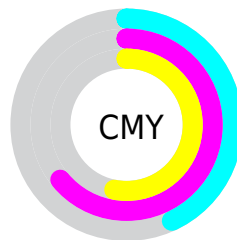
- Red (57%)
- Green (36%)
- Blue (47%)



- Red (57%)
- Yellow (36%)
- Blue (47%)



- Cyan (0%)
- Magenta (36%)
- Yellow (18%)
- Black (43%)





- Cyan (43%)
- Magenta (64%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 26.496, 346.510 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, 26.496, 346.510 by changing the saturation by 10% instead.


 46, 26.496,
346.510


 46, 26.496,
346.510


 100, 26.496,
346.510


 36, 26.496,
346.510

 66, 26.496,
346.510


 26, 26.496,
346.510

 76, 26.496,
346.510

 16, 26.496,
346.510

 86, 26.496,
346.510

 6, 26.496, 346.510

 96, 26.496,
346.510

 0, 26.496, 346.510

 46, 26.496,

 46, 26.496,

346.510

346.510

42, 33.613,
347.741

50, 19.154,
345.437

39, 40.244,
349.181

54, 11.785,
344.476

36, 46.050,
350.911

58, 4.513, 343.577

34, 50.675,
353.037

62, 2.585, 162.993

66, 9.470, 162.190

32, 53.832,
355.698

71, 16.124,
161.519

31, 55.534,
358.997

75, 22.547,
160.904

31, 56.097, 0.254

79, 28.745,
160.336

83, 34.730,

Harmonies

Complementary

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



46, 26.496, 346.510



56, 25.438, 159.775

Rectangle

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



46, 26.496, 346.510



46, 26.496, 36.510



46, 26.496, 166.510



46, 26.496, 216.510

Sweetspot

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



46, 26.494, 346.511



71, 9.746, 344.017



44, 33.156, 310.274



36, 6.536, 344.123



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, 26.494, 346.511



55, 39.436, 347.554



45, 23.430, 21.361



29, 4.094, 343.839



29, 53.813, 0.020



1, 3.543, 343.143

Inverse Universe

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



46, 26.494, 346.511



55, 39.436, 347.554



57, 18.457, 196.108



29, 4.094, 343.839



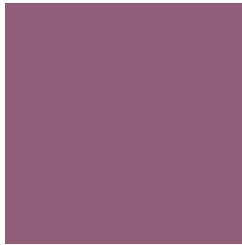
29, 53.813, 0.020



1, 3.543, 343.143

Previews

White Background



This preview shows how the CIELCh color 46, 26.496, 346.510 looks on a white background.

Color Contrast Check

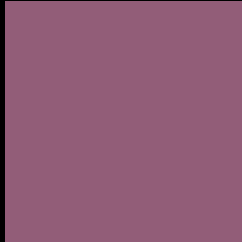
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.496, 346.510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

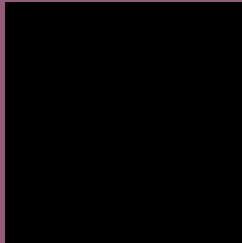
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 26.496, 346.510

Background



This preview shows how black text looks on a background with the CIELCh color 46, 26.496, 346.510.



This preview shows how white text looks on a background with the CIELCh color 46, 26.496, 346.510.

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, 26.496, 346.510

Protanopia

46, 13.103, 287.059

Deuteranopia

46, 8.222, 320.220



Tritanopia
46, 20.951, 11.064

Trichromacy



Original Color
46, 26.496, 346.510

Protanomaly
46, 15.282, 317.701

Deuteranomaly
46, 14.990, 335.976

Tritanomaly
46, 22.453, 1.217

Monochromacy



Original Color
46, 26.496, 346.510

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 9.783, 343.457

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 26.496, 346.510 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(146, 93, 120)` looks like.

```
.text, #text, p{  
    color:rgb(146, 93, 120)  
}
```

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(146, 93, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 93, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 26.496, 346.510 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(146, 93, 120) }
```

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

```
.border{ border-color:rgb(146, 93, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 93, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 93, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 93, 120); box-shadow:4px 4px 4px 4px rgb(146, 93, 120) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 26.496, 346.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 93, 120) }
```

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

```
.background{ background-color: rgb(146, 93,  
120) }
```

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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