

Converting Colors

CIELCh(46, 29.363, 359.754)

Have a look what the booklet for
CIELCh(46, 29.363, 359.754)
contains.

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Color

CIELCh(46, 28.914, 0.020)

Conversions

Conversions Part 1

Format	Color
Hex	9A5A6E
RGB	154, 90, 110
RGB Percent	60%, 35%, 43%
CMY	0.3967, 0.6476, 0.5691
CMYK	0.00, 0.42, 0.29, 0.40
HSL	341°, 26%, 48%
HSV	341°, 42%, 60%
XYZ	19.7509, 15.2687, 16.6203
YIQ	111.4160, 31.7240, 19.7880

Conversions

Conversions Part 2

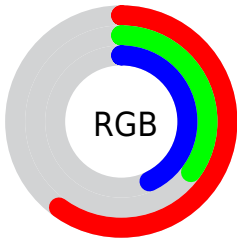
Format	Color
R_{YB}	154, 90, 110
Decimal	10115694
CIE Lab	46.00, 28.91, 0.01
CIE LCh	46, 28.914, 0.020
Yxy	15.2687, 0.3825, 0.2957
Android (android.graphics.Color)	4288305774 (0xFF9A5A6E)
YUV	111.4160, -0.6981, 37.3462
Hunter-Lab	39.0751, 21.8431, 2.1341

Details

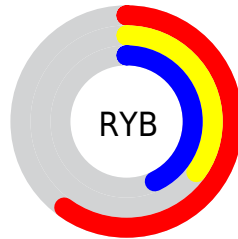
The CIELCh color $46, 28.914, 0.020$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $59, 25.744, 170.881$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 29.002, 0.407$, and $26, 29.020, 359.584$ is the 20% darker color. If you saturate the color by 10%, you get $42, 35.905, 1.847$, and if you desaturate by 10%, it is $50, 21.765, 358.515$.

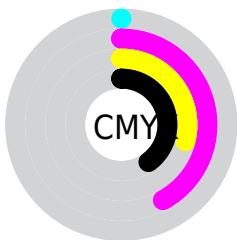
Distribution



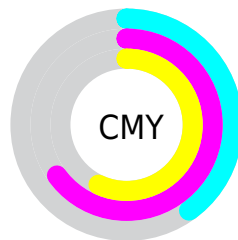
- Red (60%)
- Green (35%)
- Blue (43%)



- Red (60%)
- Yellow (35%)
- Blue (43%)



- Cyan (0%)
- Magenta (42%)
- Yellow (29%)
- Black (40%)






















- Cyan (40%)
- Magenta (65%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 28.914, 0.020 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, 28.914, 0.020 by changing the saturation by 10% instead.

 46, 28.914, 0.020	 46, 28.914, 0.020
 100, 28.914, 0.020	 36, 28.914, 0.020
 66, 28.914, 0.020	 26, 28.914, 0.020
 76, 28.914, 0.020	 16, 28.914, 0.020
 86, 28.914, 0.020	 6, 28.914, 0.020
 96, 28.914, 0.020	 0, 28.914, 0.020

 46, 28.914, 0.020	 46, 28.914, 0.020
 42, 35.905, 1.847	 50, 21.765, 358.515
 39, 42.475, 4.104	
 36, 48.309, 6.937	 54, 14.662, 357.242

34, 53.133, 10.511

58, 7.730, 356.134

33, 56.841, 14.956

63, 1.040, 354.865

32, 59.536, 19.086

67, 5.374, 174.476

72, 11.505,
173.690

76, 17.361,
173.004

81, 22.956,
172.385

85, 28.311,
171.821

Harmonies

Complementary

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



46, 28.914, 0.020



59, 25.744, 170.881

Rectangle

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



46, 28.914, 0.020



46, 28.914, 50.020



46, 28.914, 180.020



46, 28.914, 230.020

Sweetspot

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



46, 28.912, 0.022



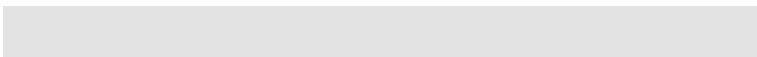
74, 9.882, 356.202



45, 40.973, 316.940



38, 6.552, 356.325



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



46, 28.912, 0.022



55, 42.910, 1.723



48, 24.822, 37.915



30, 3.737, 355.886



29, 55.519, 18.580



1, 3.958, 355.453

Inverse Universe

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



46, 28.912, 0.022



55, 42.910, 1.723



56, 18.419, 219.480



30, 3.737, 355.886



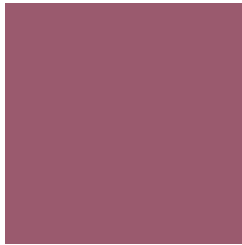
29, 55.519, 18.580



1, 3.958, 355.453

Previews

White Background



This preview shows how the CIELCh color 46, 28.914, 0.020 looks on a white background.

Color Contrast Check

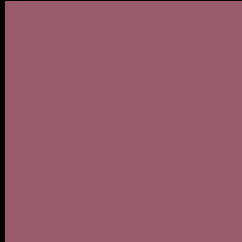
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.914, 0.020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

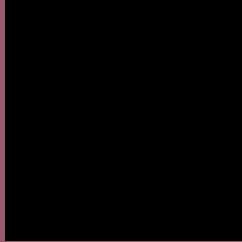
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 28.914, 0.020

Background



This preview shows how black text looks on a background with the CIELCh color 46, 28.914, 0.020.



This preview shows how white text looks on a background with the CIELCh color 46, 28.914, 0.020.

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, 28.914, 0.020

Protanopia

46, 7.132, 288.028

Deuteranopia

46, 6.303, 14.765



Tritanopia
46, 26.726, 14.502

Trichromacy



Original Color
46, 28.914, 0.020

Protanomaly
46, 12.918, 337.566

Deuteranomaly
46, 14.634, 2.602

Tritanomaly
46, 27.288, 8.620

Monochromacy



Original Color
46, 28.914, 0.020

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 11.025, 355.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 28.914, 0.020 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(154, 90, 110)` looks like.

```
.text, #text, p{  
    color:rgb(154, 90, 110)  
}
```

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(154, 90, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 90, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 28.914, 0.020 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(154, 90, 110) }
```

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

```
.border{ border-color:rgb(154, 90, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 90, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 90, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 90, 110);  
box-shadow:4px 4px 4px 4px rgb(154, 90,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 28.914, 0.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 90, 110) }
```

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

```
.background{ background-color: rgb(154, 90,  
110) }
```

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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