

Converting Colors

CIELCh(46, 7.644, 314.245)

Have a look what the booklet for
CIELCh(46, 7.644, 314.245) contains.

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Color

CIELCh(46, 7.862, 315.057)

Conversions

Conversions Part 1

Format	Color
Hex	726A76
RGB	114, 106, 118
RGB Percent	45%, 42%, 46%
CMY	0.5519, 0.5833, 0.5362
CMYK	0.03, 0.10, 0.00, 0.54
HSL	280°, 5%, 44%
HSV	280°, 10%, 46%
XYZ	15.4380, 15.2687, 19.3532
YIQ	109.7600, 0.9160, 5.4280

Conversions

Conversions Part 2

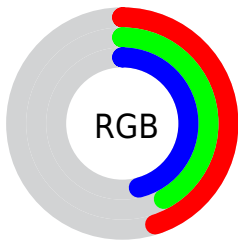
Format	Color
R _Y B	114, 106, 118
Decimal	7498358
CIE Lab	46.00, 5.56, -5.55
CIE LCh	46, 7.862, 315.057
Yxy	15.2687, 0.3084, 0.3050
Android (android.graphics.Color)	4285688438 (0xFF726A76)
YUV	109.7600, 4.0623, 3.7185
Hunter-Lab	39.0751, 2.1412, -2.0126

Details

The CIELCh color $46, 7.862, 315.057$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 7.789, 134.273$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 8.003, 315.782$, and $26, 7.868, 314.262$ is the 20% darker color. If you saturate the color by 10%, you get $42, 15.761, 315.476$, and if you desaturate by 10%, it is $50, 0.121, 313.717$.

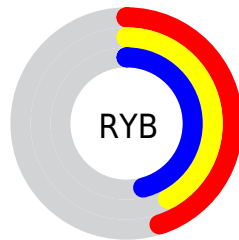
Distribution



Red (45%)

Green (42%)

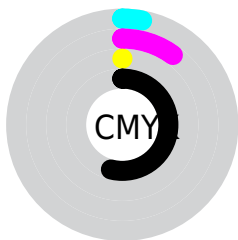
Blue (46%)



Red (45%)

Yellow (42%)

Blue (46%)

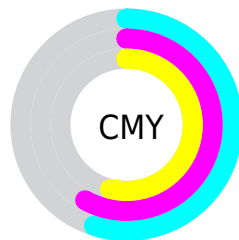


Cyan (3%)

Magenta (10%)

Yellow (0%)

Black (54%)



Cyan (55%)

Magenta (58%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 7.862, 315.057 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, 7.862, 315.057 by changing the saturation by 10% instead.

■ 46, 7.862, 315.057

■ 46, 7.862, 315.057

■ 100, 7.862,
315.057

■ 36, 7.862, 315.057

■ 66, 7.862, 315.057

■ 26, 7.862, 315.057

■ 76, 7.862, 315.057

■ 16, 7.862, 315.057

■ 86, 7.862, 315.057

■ 6, 7.862, 315.057

■ 96, 7.862, 315.057

■ 0, 7.862, 315.057

■ 46, 7.862, 315.057

■ 46, 7.862, 315.057

■ 42, 15.761,
315.476

■ 50, 0.121, 313.717

■ 39, 23.768,

■ 53, 7.428, 134.321

315.900

57, 14.774,
133.972

35, 31.792,
316.314

61, 21.913,
133.657

32, 39.689,
316.695

65, 28.847,
133.372

29, 47.244,
317.010

68, 35.583,
133.115

26, 54.158,
317.210

72, 42.128,
132.886

24, 60.058,
317.239

76, 48.493,
132.682

22, 64.552,
317.032

79, 54.686,
132.500

20, 68.127,
316.721

Harmonies

Complementary

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



46, 7.862, 315.057



49, 7.789, 134.273

Rectangle

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



46, 7.862, 315.057



46, 7.862, 5.057



46, 7.862, 135.057



46, 7.862, 185.057

Sweetspot

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



46, 7.861, 315.056



62, 2.850, 314.740



47, 4.882, 271.079



32, 2.149, 314.776



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



46, 7.861, 315.056



58, 11.501, 315.145



46, 7.793, 329.394



23, 4.324, 315.008



21, 69.844, 316.685



46, 118.823, 316.144

Inverse Universe

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



46, 5.501, 354.546



58, 8.062, 354.764



48, 7.773, 148.258



23, 3.024, 354.432



25, 49.796, 15.859



53, 85.546, 19.204

Previews

White Background



This preview shows how the CIELCh color 46, 7.862, 315.057 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, 7.862, 315.057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

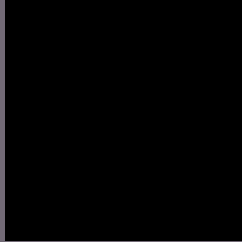
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 7.862, 315.057

Background



This preview shows how black text looks on a background with the CIELCh color 46, 7.862, 315.057.

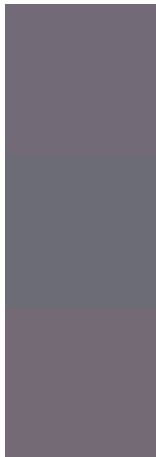


This preview shows how white text looks on a background with the CIELCh color 46, 7.862, 315.057.

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, 7.862, 315.057

Protanopia

46, 6.545, 291.087

Deuteranopia

46, 8.034, 317.691



Tritanopia
46, 5.561, 321.289

Trichromacy



Original Color

46, 7.862, 315.057

Protanomaly

46, 7.262, 300.532

Deuteranomaly

46, 8.034, 317.691

Tritanomaly

46, 6.077, 318.439

Monochromacy



Original Color

46, 7.862, 315.057

Achromatopsia

46, 0.006, 296.813

Achromatomaly

46, 2.684, 317.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 7.862, 315.057 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(114, 106, 118)` looks like.

```
.text, #text, p{  
    color:rgb(114, 106, 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(114, 106, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 106, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 7.862, 315.057 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(114, 106, 118) }
```

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

```
.border{ border-color:rgb(114, 106, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 106, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 106, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 106, 118);  
box-shadow:4px 4px 4px 4px rgb(114, 106,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 7.862, 315.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 106, 118) }
```

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

```
.background{ background-color: rgb(114,  
106, 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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