

Converting Colors

CIELCh(46, 6.605, 344.491)

Have a look what the booklet for
CIELCh(46, 6.605, 344.491) contains.

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Color

CIELCh(46, 6.431, 346.638)

Conversions

Conversions Part 1

Format	Color
Hex	776A70
RGB	119, 106, 112
RGB Percent	47%, 42%, 44%
CMY	0.5351, 0.5860, 0.5625
CMYK	0.00, 0.11, 0.06, 0.54
HSL	332°, 6%, 44%
HSV	332°, 11%, 46%
XYZ	15.5558, 15.2687, 17.3281
YIQ	110.5710, 5.8220, 4.6220

Conversions

Conversions Part 2

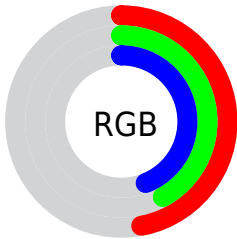
Format	Color
RYB	119, 106, 112
Decimal	7826032
CIELab	46.00, 6.26, -1.49
CIELCh	46, 6.431, 346.638
Yxy	15.2687, 0.3231, 0.3171
Android (android.graphics.Color)	4286016112 (0xFF776A70)
YUV	110.5710, 0.7045, 7.3922
Hunter-Lab	39.0751, 2.6793, 1.0601

Details

The CIELCh color $46, 6.431, 346.638$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 6.326, 164.921$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 6.630, 344.266$, and $26, 6.354, 349.763$ is the 20% darker color. If you saturate the color by 10%, you get $43, 12.437, 347.589$, and if you desaturate by 10%, it is $50, 0.557, 345.342$.

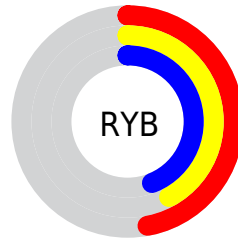
Distribution



Red (47%)

Green (42%)

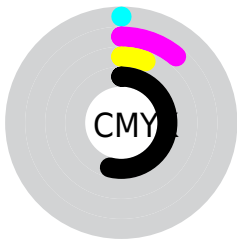
Blue (44%)



Red (47%)

Yellow (42%)

Blue (44%)

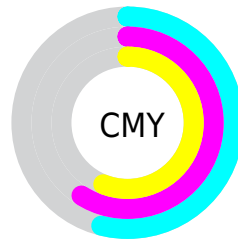


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (54%)



Cyan (54%)

Magenta (59%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 6.431, 346.638 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, 6.431, 346.638 by changing the saturation by 10% instead.

■ 46, 6.431, 346.638

■ 46, 6.431, 346.638

■ 100, 6.431,
346.638

■ 36, 6.431, 346.638

■ 66, 6.431, 346.638

■ 26, 6.431, 346.638

■ 76, 6.431, 346.638

■ 16, 6.431, 346.638

■ 86, 6.431, 346.638

■ 6, 6.431, 346.638

■ 96, 6.431, 346.638

■ 0, 6.431, 346.638

■ 46, 6.431, 346.638

■ 46, 6.431, 346.638

■ 43, 12.437,
347.589

■ 50, 0.557, 345.342

■ 39, 18.507,

■ 53, 5.142, 165.156

348.637

57, 10.648,
164.436

36, 24.525,
349.831

60, 15.958,
163.790

33, 30.317,
351.223

64, 21.076,
163.197

30, 35.653,
352.882

68, 26.013,
162.648

28, 40.257,
354.906

71, 30.779,
162.138

26, 43.857,
357.423

75, 35.387,
161.662

25, 46.277, 0.580

78, 39.851,
161.217

24, 48.002, 3.727

Harmonies

Complementary

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



46, 6.431, 346.638



49, 6.326, 164.921

Rectangle

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



46, 6.431, 346.638



46, 6.431, 36.638



46, 6.431, 166.638



46, 6.431, 216.638

Sweetspot

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



46, 6.429, 346.643



62, 2.150, 345.865



46, 8.251, 310.669



32, 1.621, 345.952



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, 6.429, 346.643



58, 9.429, 346.860



46, 5.265, 22.761



23, 3.266, 346.466



25, 49.104, 3.893



54, 83.140, 6.672

Inverse Universe

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



46, 6.429, 346.643



58, 9.429, 346.860



49, 4.924, 201.907



23, 3.266, 346.466



25, 49.104, 3.893



54, 83.140, 6.672

Previews

White Background



This preview shows how the CIELCh color 46, 6.431, 346.638 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, 6.431, 346.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

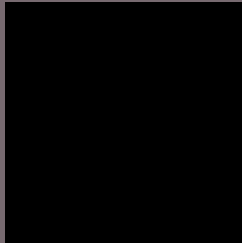
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 6.431, 346.638

Background



This preview shows how black text looks on a background with the CIELCh color 46, 6.431, 346.638.



This preview shows how white text looks on a background with the CIELCh color 46, 6.431, 346.638.

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, 6.431, 346.638

Protanopia

46, 3.095, 305.689

Deuteranopia

46, 6.092, 344.416



Tritanopia
46, 7.845, 337.477

Trichromacy



Original Color
46, 6.431, 346.638

Protanomaly
46, 3.870, 329.643

Deuteranomaly
46, 6.092, 344.416

Tritanomaly
46, 7.462, 340.839

Monochromacy



Original Color
46, 6.431, 346.638

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 2.726, 338.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 6.431, 346.638 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(119, 106, 112)` looks like.

```
.text, #text, p{  
    color:rgb(119, 106, 112)  
}
```

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(119, 106, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 106, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 6.431, 346.638 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(119, 106, 112) }
```

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

```
.border{ border-color:rgb(119, 106, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 106, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 106, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 106, 112);  
box-shadow:4px 4px 4px 4px rgb(119, 106,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 6.431, 346.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 106, 112) }
```

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

```
.background{ background-color: rgb(119,  
106, 112) }
```

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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