

Converting Colors

CIELCh(46, 8.755, 72.121)

Have a look what the booklet for
CIELCh(46, 8.755, 72.121) contains.

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Color

CIELCh(46, 8.823, 73.031)

Conversions

Conversions Part 1

Format	Color
Hex	776B5F
RGB	119, 107, 95
RGB Percent	47%, 42%, 37%
CMY	0.5333, 0.5803, 0.6274
CMYK	0.00, 0.10, 0.20, 0.53
HSL	30°, 11%, 42%
HSV	30°, 20%, 47%
XYZ	14.9360, 15.2687, 12.9903
YIQ	109.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

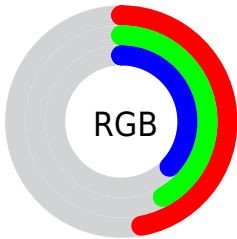
Format	Color
RYB	119, 119, 95
Decimal	7826271
CIELab	46.00, 2.58, 8.44
CIELCh	46, 8.823, 73.031
Yxy	15.2687, 0.3458, 0.3535
Android (android.graphics.Color)	4286016351 (0xFF776B5F)
YUV	109.2200, -7.0105, 8.5771
Hunter-Lab	39.0751, -0.1522, 7.6420

Details

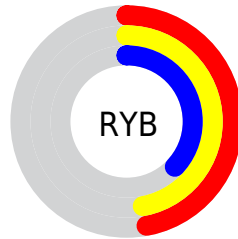
The CIELCh color $46, 8.823, 73.031$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 8.390, 258.185$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 8.858, 73.552$, and $26, 8.725, 74.570$ is the 20% darker color. If you saturate the color by 10%, you get $44, 13.501, 71.855$, and if you desaturate by 10%, it is $48, 4.349, 74.194$.

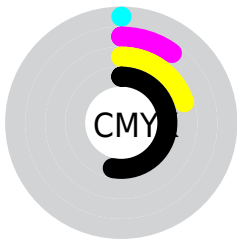
Distribution



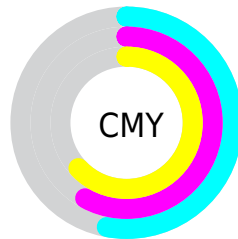
- Red (47%)
- Green (42%)
- Blue (37%)



- Red (47%)
- Yellow (47%)
- Blue (37%)



- Cyan (0%)
- Magenta (10%)
- Yellow (20%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 8.823, 73.031 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, 8.823, 73.031 by changing the saturation by 10% instead.

 46, 8.823, 73.031  46, 8.823, 73.031

 100, 8.823, 73.031  36, 8.823, 73.031

 66, 8.823, 73.031  26, 8.823, 73.031

 76, 8.823, 73.031  16, 8.823, 73.031

 86, 8.823, 73.031  6, 8.823, 73.031

 96, 8.823, 73.031  0, 8.823, 73.031

 46, 8.823, 73.031  46, 8.823, 73.031

 44, 13.501, 71.855  48, 4.349, 74.194

 42, 18.388, 70.654  50, 0.065, 71.524

 40, 23.474, 69.440  52, 4.046, 256.608

■ 38, 28.717, 68.205

■ 54, 8.001, 257.678

■ 37, 34.017, 66.914

■ 56, 11.816,
258.732

■ 35, 39.165, 65.484

■ 58, 15.507,
259.751

■ 34, 43.769, 63.745

■ 32, 48.147, 62.150

■ 60, 19.087,
260.731

■ 62, 22.570,
261.670

■ 65, 25.965,
262.568

Harmonies

Complementary

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



46, 8.823, 73.031



45, 8.390, 258.185

Rectangle

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



46, 8.823, 73.031



46, 8.823, 123.031



46, 8.823, 253.031



46, 8.823, 303.031

Sweetspot

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



46, 8.823, 73.042



63, 3.166, 74.624



43, 12.290, 345.318



33, 2.119, 74.574



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



46, 8.823, 73.042



58, 13.206, 72.517



49, 13.948, 108.320



24, 2.373, 74.321



33, 49.175, 62.046



66, 84.274, 59.836

Inverse Universe

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



45, 8.390, 258.185



56, 12.400, 258.910



41, 14.580, 292.334



23, 2.327, 256.606



26, 40.518, 282.322



54, 72.482, 284.987

Previews

White Background



This preview shows how the CIELCh color 46, 8.823, 73.031 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, 8.823, 73.031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

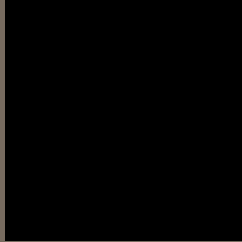
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 8.823, 73.031

Background



This preview shows how black text looks on a background with the CIELCh color 46, 8.823, 73.031.



This preview shows how white text looks on a background with the CIELCh color 46, 8.823, 73.031.

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, 8.823, 73.031

Protanopia

46, 7.974, 93.483

Deuteranopia

46, 10.237, 55.282



Tritanopia
46, 8.799, 343.180

Trichromacy



Original Color
46, 8.823, 73.031

Protanomaly
46, 7.892, 83.299

Deuteranomaly
46, 9.571, 62.576

Tritanomaly
46, 6.314, 14.774

Monochromacy



Original Color
46, 8.823, 73.031

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 3.146, 68.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 8.823, 73.031 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, 107, 95)` looks like.

```
.text, #text, p{  
    color:rgb(119, 107, 95)  
}
```

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, 107, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 107, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 8.823, 73.031 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, 107, 95) }
```

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

```
.border{ border-color:rgb(119, 107, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 107, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 107, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 107, 95);  
box-shadow:4px 4px 4px 4px rgb(119, 107,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 8.823, 73.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 107, 95) }
```

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

```
.background{ background-color: rgb(119,  
107, 95) }
```

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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