

Converting Colors

CIELCh(46, 10.240, 324.767)

Have a look what the booklet for
CIELCh(46, 10.240, 324.767)
contains.

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Color

CIELCh(46, 10.077, 325.038)

Conversions

Conversions Part 1

Format	Color
Hex	776977
RGB	119, 105, 119
RGB Percent	47%, 41%, 47%
CMY	0.5345, 0.5894, 0.5345
CMYK	0.00, 0.12, 0.00, 0.53
HSL	300°, 6%, 44%
HSV	300°, 12%, 47%
XYZ	15.8998, 15.2687, 19.4673
YIQ	110.7820, 3.8500, 7.3220

Conversions

Conversions Part 2

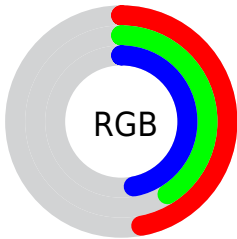
Format	Color
R_{YB}	119, 105, 119
Decimal	7825783
CIE Lab	46.00, 8.26, -5.77
CIE LCh	46, 10.077, 325.038
Yxy	15.2687, 0.3140, 0.3015
Android (android.graphics.Color)	4286015863 (0xFF776977)
YUV	110.7820, 4.0515, 7.2072
Hunter-Lab	39.0751, 4.2508, -2.1858

Details

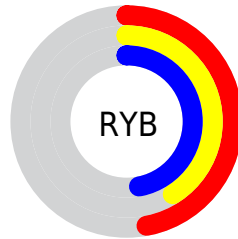
The CIELCh color $46, 10.077, 325.038$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 10.063, 143.786$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 10.093, 324.892$, and $26, 10.256, 325.322$ is the 20% darker color. If you saturate the color by 10%, you get $43, 18.680, 325.567$, and if you desaturate by 10%, it is $49, 1.522, 324.418$.

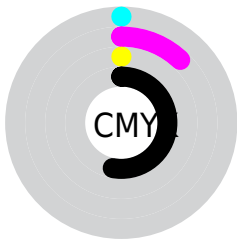
Distribution



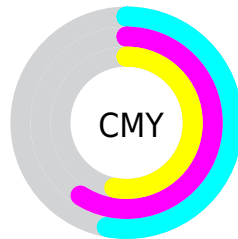
- Red (47%)
- Green (41%)
- Blue (47%)



- Red (47%)
- Yellow (41%)
- Blue (47%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)
- Black (53%)





- Cyan (53%)
- Magenta (59%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 10.077, 325.038 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, 10.077, 325.038 by changing the saturation by 10% instead.


 46, 10.077,
325.038


 46, 10.077,
325.038


 100, 10.077,
325.038


 36, 10.077,
325.038

 66, 10.077,
325.038


 26, 10.077,
325.038

 76, 10.077,
325.038

 16, 10.077,
325.038


 86, 10.077,
325.038

 6, 10.077, 325.038

 96, 10.077,
325.038

 0, 10.077, 325.038

 46, 10.077,

 46, 10.077,

325.038

43, 18.680,
325.567

40, 27.206,
326.079

37, 35.472,
326.564

34, 43.241,
327.010

32, 50.229,
327.402

30, 56.133,
327.725

29, 60.687,
327.969

28, 63.733,
328.130

325.038

49, 1.522, 324.418

53, 6.893, 144.046

56, 15.115,
143.533

60, 23.113,
143.049

63, 30.872,
142.589

67, 38.389,
142.155

70, 45.668,
141.747

74, 52.718,
141.364

■ 27, 65.669,
328.231

■ 77, 59.548,
141.008

Harmonies

Complementary

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



46, 10.077, 325.038



48, 10.063, 143.786

Rectangle

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



46, 10.077, 325.038



46, 10.077, 15.038



46, 10.077, 145.038



46, 10.077, 195.038

Sweetspot

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



46, 10.075, 325.038



63, 4.249, 324.604



45, 8.224, 290.703



32, 3.044, 324.645



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, 10.075, 325.038



58, 14.949, 325.176



46, 7.188, 343.658



23, 4.757, 324.888



28, 67.130, 328.231



59, 113.811, 328.231

Inverse Universe

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



46, 5.878, 20.069



58, 8.796, 20.269



49, 7.090, 161.868



23, 2.751, 19.860



24, 59.041, 37.986



52, 102.984, 39.999

Previews

White Background



This preview shows how the CIELCh color 46, 10.077, 325.038 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, 10.077, 325.038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

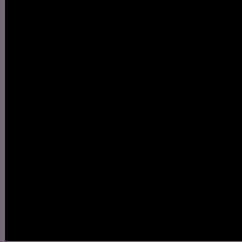
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 10.077, 325.038

Background



This preview shows how black text looks on a background with the CIELCh color 46, 10.077, 325.038.



This preview shows how white text looks on a background with the CIELCh color 46, 10.077, 325.038.

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, 10.077, 325.038

Protanopia

46, 7.736, 288.369

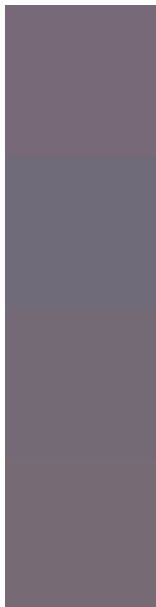
Deuteranopia

46, 8.034, 317.691



Tritanopia
46, 6.841, 336.315

Trichromacy



Original Color
46, 10.077, 325.038

Protanomaly
46, 7.922, 302.696

Deuteranomaly
46, 8.222, 320.220

Tritanomaly
46, 7.703, 329.950

Monochromacy



Original Color
46, 10.077, 325.038

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 3.618, 324.624

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 10.077, 325.038 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, 105, 119)` looks like.

```
.text, #text, p{  
    color:rgb(119, 105, 119)  
}
```

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, 105, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 105, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 10.077, 325.038 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, 105, 119) }
```

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

```
.border{ border-color:rgb(119, 105, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 105, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 105, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 105, 119);  
box-shadow:4px 4px 4px 4px rgb(119, 105,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 10.077, 325.038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 105, 119) }
```

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

```
.background{ background-color: rgb(119,  
105, 119) }
```

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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