

Converting Colors

CIELCh(46, 10.585, 323.233)

Have a look what the booklet for
CIELCh(46, 10.585, 323.233)
contains.

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Color

CIELCh(46, 10.568, 323.228)

Conversions

Conversions Part 1

Format	Color
Hex	776978
RGB	119, 105, 120
RGB Percent	47%, 41%, 47%
CMY	0.5348, 0.5897, 0.5309
CMYK	0.01, 0.13, 0.00, 0.53
HSL	296°, 7%, 44%
HSV	296°, 13%, 47%
XYZ	15.9357, 15.2687, 19.7548
YIQ	110.8960, 3.5290, 7.6330

Conversions

Conversions Part 2

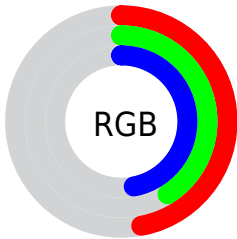
Format	Color
R_{YB}	119, 105, 120
Decimal	7825784
CIE _{Lab}	46.00, 8.47, -6.33
CIE _{LCh}	46, 10.568, 323.228
Yxy	15.2687, 0.3127, 0.2996
Android (android.graphics.Color)	4286015864 (0xFF776978)
YUV	110.8960, 4.4883, 7.1072
Hunter-Lab	39.0751, 4.4145, -2.6220

Details

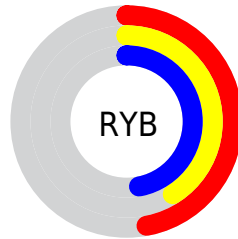
The CIELCh color $46, 10.568, 323.228$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 10.538, 142.000$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 10.552, 323.201$, and $26, 10.793, 323.371$ is the 20% darker color. If you saturate the color by 10%, you get $43, 19.076, 323.716$, and if you desaturate by 10%, it is $49, 2.123, 322.684$.

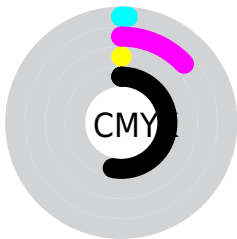
Distribution



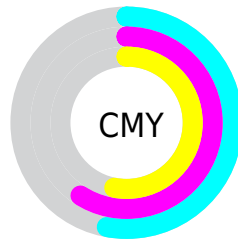
- Red (47%)
- Green (41%)
- Blue (47%)



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



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (53%)



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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 10.568, 323.228 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, 10.568, 323.228 by changing the saturation by 10% instead.


 46, 10.568,
323.228


 46, 10.568,
323.228


 100, 10.568,
323.228


 36, 10.568,
323.228

 66, 10.568,
323.228


 26, 10.568,
323.228

 76, 10.568,
323.228

 16, 10.568,
323.228

 86, 10.568,
323.228

 6, 10.568, 323.228

 96, 10.568,
323.228

 0, 10.568, 323.228

 46, 10.568,

 46, 10.568,

323.228

43, 19.076,
323.716

40, 27.532,
324.187

37, 35.765,
324.630

34, 43.547,
325.027

31, 50.594,
325.356

29, 56.592,
325.597

28, 61.247,
325.730

27, 64.374,
325.742

323.228

49, 2.123, 322.684

53, 6.178, 142.317

56, 14.288,
141.846

60, 22.181,
141.406

64, 29.845,
140.991

67, 37.278,
140.602

71, 44.484,
140.238

74, 51.473,
139.900

■ 26, 66.273,
325.720

■ 78, 58.253,
139.587

Harmonies

Complementary

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



46, 10.568, 323.228



49, 10.538, 142.000

Rectangle

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



46, 10.568, 323.228



46, 10.568, 13.228



46, 10.568, 143.228



46, 10.568, 193.228

Sweetspot

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



46, 10.566, 323.228



62, 4.161, 322.789



45, 8.207, 287.939



32, 2.981, 322.827



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, 10.566, 323.228



58, 15.707, 323.368



46, 8.054, 340.316



23, 4.660, 323.052



27, 67.376, 325.714



56, 114.259, 325.577

Inverse Universe

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



46, 6.314, 14.771



57, 9.460, 15.034



49, 7.970, 158.507



23, 2.758, 14.456



24, 57.215, 35.308



52, 100.338, 38.050

Previews

White Background



This preview shows how the CIELCh color 46, 10.568, 323.228 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, 10.568, 323.228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

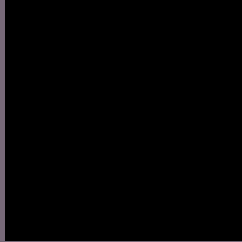
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 10.568, 323.228

Background



This preview shows how black text looks on a background with the CIELCh color 46, 10.568, 323.228.



This preview shows how white text looks on a background with the CIELCh color 46, 10.568, 323.228.

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, 10.568, 323.228

Protanopia

46, 8.330, 288.664

Deuteranopia

46, 8.566, 315.910



Tritanopia
46, 6.841, 336.315

Trichromacy



Original Color
46, 10.568, 323.228

Protanomaly
46, 8.505, 301.941

Deuteranomaly
46, 8.741, 318.317

Tritanomaly
46, 7.703, 329.950

Monochromacy



Original Color
46, 10.568, 323.228

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 3.613, 324.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 10.568, 323.228 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(119, 105, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 105, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 10.568, 323.228 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, 120) }
```

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

```
.border{ border-color:rgb(119, 105, 120) }
```

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, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 105, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 105, 120);  
box-shadow:4px 4px 4px 4px rgb(119, 105,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 10.568, 323.228 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, 120) }
```

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

```
.background{ background-color: rgb(119,  
105, 120) }
```

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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