

Converting Colors

CIELCh(46, 16.000, 318.074)

Have a look what the booklet for
CIELCh(46, 16.000, 318.074)
contains.

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Color

CIELCh(46, 15.976, 318.068)

Conversions

Conversions Part 1

Format	Color
Hex	79677F
RGB	121, 103, 127
RGB Percent	47%, 40%, 50%
CMY	0.5259, 0.5964, 0.5024
CMYK	0.05, 0.19, 0.00, 0.50
HSL	285°, 10%, 45%
HSV	285°, 19%, 50%
XYZ	16.5361, 15.2687, 22.1201
YIQ	111.1180, 3.0240, 11.2800

Conversions

Conversions Part 2

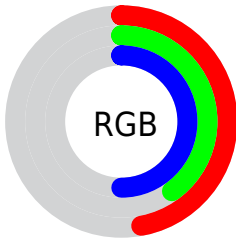
Format	Color
R_{YB}	121, 103, 127
Decimal	7956351
CIE _{Lab}	46.00, 11.89, -10.68
CIE _{LCh}	46, 15.976, 318.068
Yxy	15.2687, 0.3067, 0.2831
Android (android.graphics.Color)	4286146431 (0xFF79677F)
YUV	111.1180, 7.8298, 8.6665
Hunter-Lab	39.0751, 7.1572, -6.2110

Details

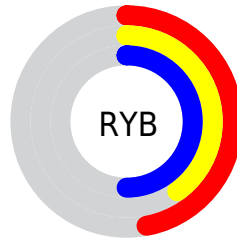
The CIELCh color $46, 15.976, 318.068$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 15.797, 136.453$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 16.105, 317.296$, and $26, 15.944, 317.681$ is the 20% darker color. If you saturate the color by 10%, you get $42, 24.570, 318.491$, and if you desaturate by 10%, it is $50, 7.462, 317.639$.

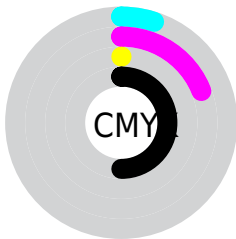
Distribution



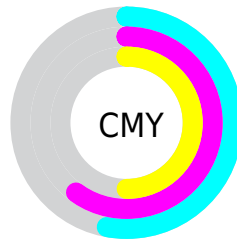
- Red (47%)
- Green (40%)
- Blue (50%)



- Red (47%)
- Yellow (40%)
- Blue (50%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)
- Black (50%)





- Cyan (53%)
- Magenta (60%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 15.976, 318.068 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, 15.976, 318.068 by changing the saturation by 10% instead.


 46, 15.976,
318.068


 46, 15.976,
318.068


 100, 15.976,
318.068


 36, 15.976,
318.068

 66, 15.976,
318.068


 26, 15.976,
318.068

 76, 15.976,
318.068

 16, 15.976,
318.068


 86, 15.976,
318.068

 6, 15.976, 318.068

 96, 15.976,
318.068

 0, 15.976, 318.068

 46, 15.976,

 46, 15.976,

318.068

42, 24.570,
318.491

39, 33.137,
318.898

35, 41.504,
319.267

32, 49.427,
319.566

29, 56.582,
319.756

27, 62.589,
319.789

25, 67.078,
319.615

24, 70.309,
319.283

318.068

50, 7.462, 317.639

54, 0.897, 137.407

57, 9.063, 136.881

61, 17.014,
136.512

65, 24.743,
136.175

69, 32.249,
135.865

73, 39.539,
135.583

77, 46.621,
135.328

81, 53.503,

■ 24, 70.670,
319.251

135.097

Harmonies

Complementary

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



46, 15.976, 318.068



51, 15.797, 136.453

Rectangle

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



46, 15.976, 318.068



46, 15.976, 8.068



46, 15.976, 138.068



46, 15.976, 188.068

Sweetspot

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



46, 15.974, 318.068



65, 6.237, 317.517



46, 10.666, 278.547



34, 4.171, 317.540



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



46, 15.974, 318.068



57, 24.251, 318.265



46, 14.568, 332.889



25, 4.740, 317.647



24, 70.912, 319.247



0, 0.000, 0.000

Inverse Universe

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



46, 10.631, 1.331



57, 16.238, 1.877



51, 14.498, 150.447



25, 3.114, 0.274



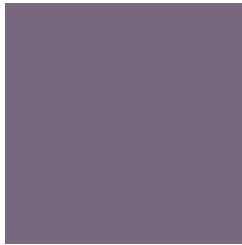
26, 53.180, 23.502



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 46, 15.976, 318.068 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, 15.976, 318.068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

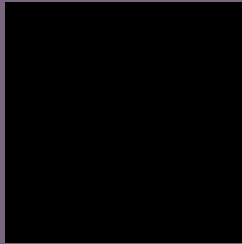
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 15.976, 318.068

Background



This preview shows how black text looks on a background with the CIELCh color 46, 15.976, 318.068.



This preview shows how white text looks on a background with the CIELCh color 46, 15.976, 318.068.

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, 15.976, 318.068

Protanopia

46, 13.132, 285.450

Deuteranopia

46, 12.102, 300.939



Tritanopia
46, 7.845, 337.477

Trichromacy



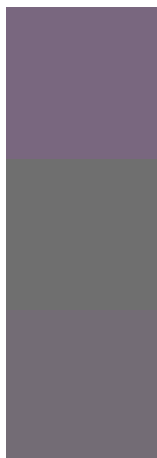
Original Color
46, 15.976, 318.068

Protanomaly
46, 13.814, 298.347

Deuteranomaly
46, 13.149, 308.983

Tritanomaly
46, 11.029, 326.866

Monochromacy



Original Color
46, 15.976, 318.068

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 6.067, 318.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 15.976, 318.068 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(121, 103, 127)` looks like.

```
.text, #text, p{  
    color:rgb(121, 103, 127)  
}
```

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(121, 103, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 103, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 15.976, 318.068 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(121, 103, 127) }
```

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

```
.border{ border-color:rgb(121, 103, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 103, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 103, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 103, 127);  
box-shadow:4px 4px 4px 4px rgb(121, 103,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 15.976, 318.068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 103, 127) }
```

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

```
.background{ background-color: rgb(121,  
103, 127) }
```

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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