

Converting Colors

CIELCh(46, 15.203, 333.095)

Have a look what the booklet for
CIELCh(46, 15.203, 333.095)
contains.

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Color

CIELCh(46, 15.110, 333.194)

Conversions

Conversions Part 1

Format	Color
Hex	7F6679
RGB	127, 102, 121
RGB Percent	50%, 40%, 47%
CMY	0.5037, 0.6016, 0.5272
CMYK	0.00, 0.20, 0.05, 0.50
HSL	314°, 11%, 45%
HSV	314°, 20%, 50%
XYZ	16.8222, 15.2687, 20.0113
YIQ	111.6410, 8.8010, 11.2090

Conversions

Conversions Part 2

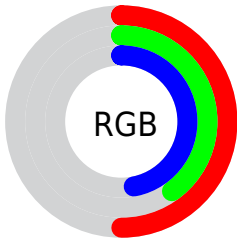
Format	Color
R_{YB}	127, 102, 121
Decimal	8349305
CIE Lab	46.00, 13.49, -6.81
CIE LCh	46, 15.110, 333.194
Yxy	15.2687, 0.3229, 0.2931
Android (android.graphics.Color)	4286539385 (0xFF7F6679)
YUV	111.6410, 4.6140, 13.4698
Hunter-Lab	39.0751, 8.4646, -3.0111

Details

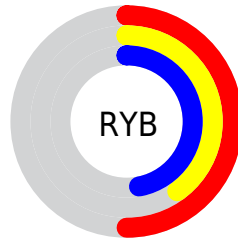
The CIELCh color $46, 15.110, 333.194$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 15.029, 150.619$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 15.075, 333.654$, and $26, 14.941, 334.567$ is the 20% darker color. If you saturate the color by 10%, you get $43, 22.785, 333.874$, and if you desaturate by 10%, it is $50, 7.414, 332.535$.

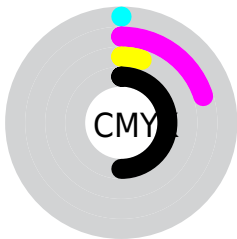
Distribution



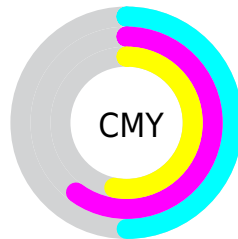
- Red (50%)
- Green (40%)
- Blue (47%)



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



- Cyan (0%)
- Magenta (20%)
- Yellow (5%)
- Black (50%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 15.110, 333.194 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, 15.110, 333.194 by changing the saturation by 10% instead.


 46, 15.110,
333.194


 46, 15.110,
333.194


 100, 15.110,
333.194


 36, 15.110,
333.194

 66, 15.110,
333.194


 26, 15.110,
333.194

 76, 15.110,
333.194

 16, 15.110,
333.194


 86, 15.110,
333.194

 6, 15.110, 333.194

 96, 15.110,
333.194

 0, 15.110, 333.194

 46, 15.110,

 46, 15.110,

333.194

333.194

43, 22.785,
333.874

50, 7.414, 332.535

39, 30.287,
334.583

53, 0.192, 153.141

57, 7.646, 151.394

36, 37.399,
335.327

61, 14.911,
150.822

34, 43.839,
336.118

64, 21.969,
150.289

32, 49.284,
336.971

68, 28.815,
149.786

30, 53.412,
337.915

72, 35.453,
149.311

29, 55.989,
338.987

76, 41.890,
148.863

28, 57.467,
340.165

79, 48.138,

■ 28, 57.507,
340.195

148.441

Harmonies

Complementary

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



46, 15.110, 333.194



51, 15.029, 150.619

Rectangle

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



46, 15.110, 333.194



46, 15.110, 23.194



46, 15.110, 153.194



46, 15.110, 203.194

Sweetspot

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



46, 15.108, 333.195



65, 5.682, 332.292



44, 15.183, 300.632



34, 3.800, 332.328



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, 15.108, 333.195



57, 22.930, 333.520



46, 11.163, 0.220



25, 4.316, 332.493



28, 57.807, 340.206



0, 0.000, 0.000

Inverse Universe

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



46, 15.108, 333.195



57, 22.930, 333.520



51, 10.497, 176.553



25, 4.316, 332.493



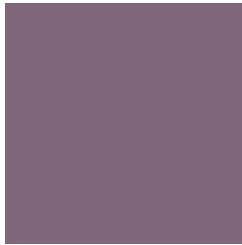
28, 57.807, 340.206



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 46, 15.110, 333.194 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, 15.110, 333.194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

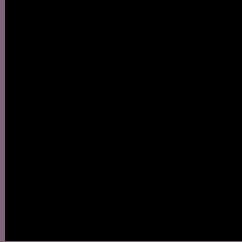
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 15.110, 333.194

Background



This preview shows how black text looks on a background with the CIELCh color 46, 15.110, 333.194.



This preview shows how white text looks on a background with the CIELCh color 46, 15.110, 333.194.

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, 15.110, 333.194

Protanopia

46, 10.124, 287.243

Deuteranopia

46, 9.106, 314.349



Tritanopia
46, 10.273, 353.316

Trichromacy



Original Color
46, 15.110, 333.194

Protanomaly
46, 10.527, 306.594

Deuteranomaly
46, 11.292, 323.387

Tritanomaly
46, 12.154, 345.224

Monochromacy



Original Color
46, 15.110, 333.194

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 5.128, 336.133

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 15.110, 333.194 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(127, 102, 121)` looks like.

```
.text, #text, p{  
    color:rgb(127, 102, 121)  
}
```

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(127, 102, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 102, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 15.110, 333.194 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(127, 102, 121) }
```

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

```
.border{ border-color:rgb(127, 102, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 102, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 102, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 102, 121);  
box-shadow:4px 4px 4px 4px rgb(127, 102,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 15.110, 333.194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 102, 121) }
```

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

```
.background{ background-color: rgb(127,  
102, 121) }
```

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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