

Converting Colors

CIELCh(46, 15.020, 334.625)

Have a look what the booklet for
CIELCh(46, 15.020, 334.625)
contains.

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Color

CIELCh(46, 15.399, 334.392)

Conversions

Conversions Part 1

Format	Color
Hex	7F6578
RGB	127, 101, 120
RGB Percent	50%, 40%, 47%
CMY	0.5007, 0.6027, 0.5282
CMYK	0.00, 0.20, 0.06, 0.50
HSL	316°, 11%, 45%
HSV	316°, 20%, 50%
XYZ	16.8943, 15.2687, 19.9277
YIQ	110.9400, 9.3970, 11.4210

Conversions

Conversions Part 2

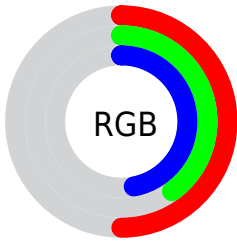
Format	Color
R_{YB}	127, 101, 120
Decimal	8349048
CIE Lab	46.00, 13.89, -6.66
CIE LCh	46, 15.399, 334.392
Yxy	15.2687, 0.3243, 0.2931
Android (android.graphics.Color)	4286539128 (0xFF7F6578)
YUV	110.9400, 4.4666, 14.0846
Hunter-Lab	39.0751, 8.7936, -2.8843

Details

The CIELCh color $46, 15.399, 334.392$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 15.296, 151.645$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 15.348, 334.747$, and $26, 15.707, 334.218$ is the 20% darker color. If you saturate the color by 10%, you get $43, 22.956, 335.104$, and if you desaturate by 10%, it is $50, 7.818, 333.709$.

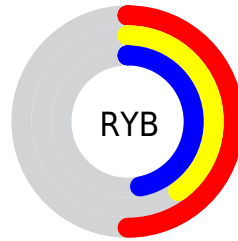
Distribution



Red (50%)

Green (40%)

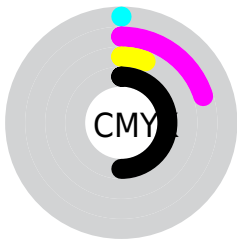
Blue (47%)



Red (50%)

Yellow (40%)

Blue (47%)

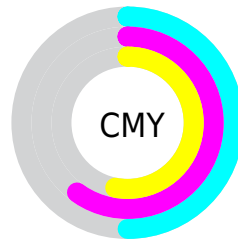


Cyan (0%)

Magenta (20%)

Yellow (6%)

Black (50%)



Cyan (50%)


Magenta (60%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 15.399, 334.392 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, 15.399, 334.392 by changing the saturation by 10% instead.


 46, 15.399,
334.392


 46, 15.399,
334.392


 100, 15.399,
334.392


 36, 15.399,
334.392

 66, 15.399,
334.392


 26, 15.399,
334.392

 76, 15.399,
334.392

 16, 15.399,
334.392


 86, 15.399,
334.392

 6, 15.399, 334.392

 96, 15.399,
334.392

 0, 15.399, 334.392

 46, 15.399,

 46, 15.399,

334.392

43, 22.956,
335.104

39, 30.337,
335.854

36, 37.319,
336.653

34, 43.618,
337.516

32, 48.908,
338.467

30, 52.868,
339.542

29, 55.269,
340.791

28, 56.607,
342.108

334.392

50, 7.818, 333.709

53, 0.324, 332.375

57, 7.019, 152.535

61, 14.175,
151.947

64, 21.125,
151.401

68, 27.865,
150.888

72, 34.399,
150.404

76, 40.735,
149.948

80, 46.884,

Harmonies

Complementary

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



46, 15.399, 334.392



51, 15.296, 151.645

Rectangle

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



46, 15.399, 334.392



46, 15.399, 24.392



46, 15.399, 154.392



46, 15.399, 204.392

Sweetspot

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



46, 15.397, 334.393



65, 5.564, 333.411



44, 15.864, 301.870



34, 3.720, 333.448



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, 15.397, 334.393



57, 23.404, 334.756



46, 11.485, 2.730



25, 4.226, 333.618



28, 56.662, 342.110



0, 0.000, 0.000

Inverse Universe

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



46, 15.397, 334.393



57, 23.404, 334.756



51, 10.695, 178.945



25, 4.226, 333.618



28, 56.662, 342.110



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 46, 15.399, 334.392 looks on a white background.

Color Contrast Check

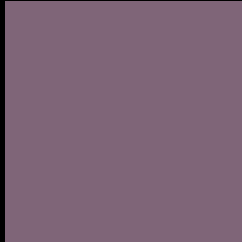
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.399, 334.392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

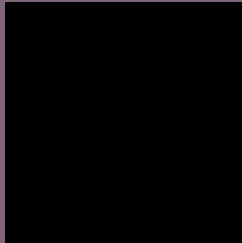
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 15.399, 334.392

Background



This preview shows how black text looks on a background with the CIELCh color 46, 15.399, 334.392.



This preview shows how white text looks on a background with the CIELCh color 46, 15.399, 334.392.

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, 15.399, 334.392

Protanopia

46, 10.124, 287.243

Deuteranopia

46, 8.566, 315.910



Tritanopia
46, 10.647, 354.430

Trichromacy



Original Color
46, 15.399, 334.392

Protanomaly
46, 10.637, 308.649

Deuteranomaly
46, 10.801, 325.084

Tritanomaly
46, 12.154, 345.224

Monochromacy



Original Color
46, 15.399, 334.392

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 5.840, 334.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 15.399, 334.392 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, 101, 120)` looks like.

```
.text, #text, p{  
    color:rgb(127, 101, 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(127, 101, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 101, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 15.399, 334.392 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, 101, 120) }
```

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

```
.border{ border-color:rgb(127, 101, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 101, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 101, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 101, 120);  
box-shadow:4px 4px 4px 4px rgb(127, 101,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 15.399, 334.392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 101, 120) }
```

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

```
.background{ background-color: rgb(127,  
101, 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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