

Converting Colors

CIELCh(47, 4.153, 331.829)

Have a look what the booklet for
CIELCh(47, 4.153, 331.829) contains.

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Color

CIELCh(47, 3.851, 329.635)

Conversions

Conversions Part 1

Format	Color
Hex	746E73
RGB	116, 110, 115
RGB Percent	45%, 43%, 45%
CMY	0.5462, 0.5697, 0.5501
CMYK	0.00, 0.05, 0.01, 0.55
HSL	310°, 3%, 44%
HSV	310°, 5%, 45%
XYZ	15.7918, 16.0195, 18.3972
YIQ	112.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

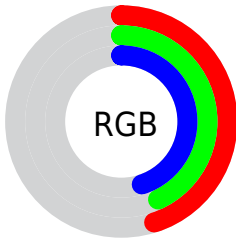
Format	Color
R_{YB}	116, 110, 115
Decimal	7630451
CIE Lab	47.00, 3.32, -1.95
CIE LCh	47, 3.851, 329.635
Yxy	16.0195, 0.3145, 0.3191
Android (android.graphics.Color)	4285820531 (0xFF746E73)
YUV	112.3640, 1.2995, 3.1888
Hunter-Lab	40.0243, 0.3856, 0.7644

Details

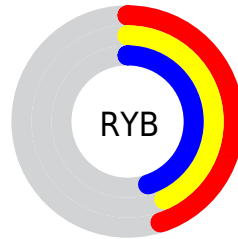
The CIELCh color **47, 3.851, 329.635** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48, 3.836, 149.142**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 3.598, 329.529**, and **27, 4.231, 329.828** is the 20% darker color. If you saturate the color by 10%, you get **44, 11.346, 330.254**, and if you desaturate by 10%, it is **50, 3.538, 149.183**.

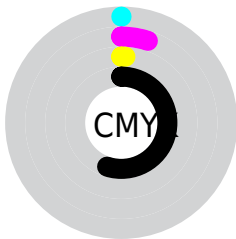
Distribution



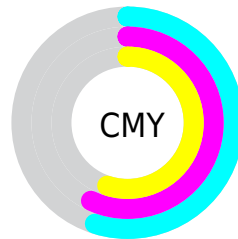
- Red (45%)
- Green (43%)
- Blue (45%)



- Red (45%)
- Yellow (43%)
- Blue (45%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (55%)



- Cyan (55%)
- Magenta (57%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 3.851, 329.635 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 47, 3.851, 329.635 by changing the saturation by 10% instead.

■ 47, 3.851, 329.635

■ 47, 3.851, 329.635

■ 100, 3.851,
329.635

■ 37, 3.851, 329.635

■ 67, 3.851, 329.635

■ 27, 3.851, 329.635

■ 77, 3.851, 329.635

■ 17, 3.851, 329.635

■ 87, 3.851, 329.635

■ 7, 3.851, 329.635

■ 97, 3.851, 329.635

■ 0, 3.851, 329.635

■ 47, 3.851, 329.635

■ 47, 3.851, 329.635

■ 44, 11.346,
330.254

■ 50, 3.538, 149.183

■ 41, 18.867,

■ 54, 10.765,
148.603

330.860

57, 17.803,
148.078

38, 26.289,
331.476

61, 24.639,
147.582

35, 33.432,
332.100

64, 31.272,
147.112

32, 40.063,
332.733

68, 37.705,
146.668

30, 45.899,
333.376

71, 43.946,
146.249

28, 50.640,
334.037

75, 50.006,
145.854

27, 54.028,
334.728

78, 55.896,
145.481

26, 56.043,
335.465

Harmonies

Complementary

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



47, 3.851, 329.635



48, 3.836, 149.142

Rectangle

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



47, 3.851, 329.635



47, 3.851, 19.635



47, 3.851, 149.635



47, 3.851, 199.635

Sweetspot

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



47, 3.849, 329.637



61, 1.842, 329.379



47, 3.587, 297.066



32, 1.055, 329.359



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



47, 3.849, 329.637



60, 5.531, 329.701



47, 2.734, 354.030



23, 2.962, 329.713



27, 59.203, 335.870



57, 99.693, 336.375

Inverse Universe

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



47, 3.849, 329.637



60, 5.531, 329.701



48, 2.695, 173.362



23, 2.962, 329.713



27, 59.203, 335.870



57, 99.693, 336.375

Previews

White Background



This preview shows how the CIE LCh color 47, 3.851, 329.635 looks on a white background.

Color Contrast Check

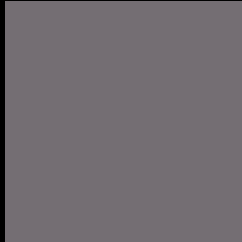
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 47, 3.851, 329.635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

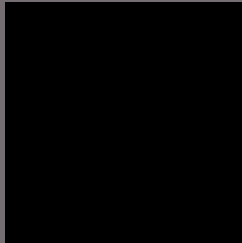
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

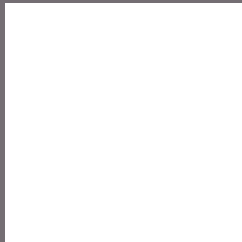
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 3.851, 329.635

Background



This preview shows how black text looks on a background with the CIELCh color 47, 3.851, 329.635.



This preview shows how white text looks on a background with the CIELCh color 47, 3.851, 329.635.

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


47, 3.851, 329.635

Protanopia

47, 2.411, 300.106

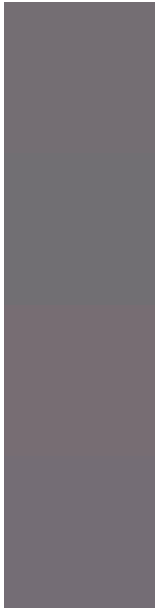
Deuteranopia

47, 6.747, 342.425



Tritanopia
47, 6.058, 318.434

Trichromacy



Original Color

47, 3.851, 329.635

Protanomaly

47, 2.515, 309.181

Deuteranomaly

47, 5.421, 339.188

Tritanomaly

47, 5.543, 321.284

Monochromacy



Original Color

47, 3.851, 329.635

Achromatopsia

47, 0.006, 296.813

Achromatomaly

47, 1.448, 324.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 3.851, 329.635 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(116, 110, 115)` looks like.

```
.text, #text, p{  
    color:rgb(116, 110, 115)  
}
```

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(116, 110, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 110, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 3.851, 329.635 is called "border". The border property can be set on classes, ids or directly on the HTML element.

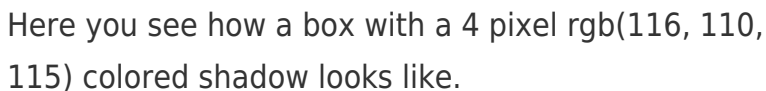
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 110, 115) }
```

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

```
.border{ border-color:rgb(116, 110, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 110, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 110, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 110, 115); box-shadow:4px 4px 4px 4px rgb(116, 110, 115) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 3.851, 329.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 110, 115) }
```

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

```
.background{ background-color: rgb(116,  
110, 115) }
```

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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