

Converting Colors

CIELCh(47, 4.028, 335.644)

Have a look what the booklet for
CIELCh(47, 4.028, 335.644) contains.

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Color

CIELCh(47, 3.722, 340.362)

Conversions

Conversions Part 1

Format	Color
Hex	756E72
RGB	117, 110, 114
RGB Percent	46%, 43%, 45%
CMY	0.5428, 0.5703, 0.5546
CMYK	0.00, 0.06, 0.03, 0.54
HSL	326°, 3%, 44%
HSV	326°, 6%, 46%
XYZ	15.8233, 16.0195, 18.0520
YIQ	112.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

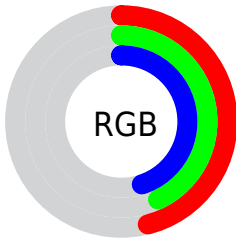
Format	Color
R_{YB}	117, 110, 114
Decimal	7695986
CIE Lab	47.00, 3.51, -1.25
CIE LCh	47, 3.722, 340.362
Yxy	16.0195, 0.3171, 0.3211
Android (android.graphics.Color)	4285886066 (0xFF756E72)
YUV	112.5490, 0.7153, 3.9035
Hunter-Lab	40.0243, 0.5261, 1.2756

Details

The CIELCh color $47, 3.722, 340.362$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 3.694, 159.628$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 3.476, 340.208$, and $27, 4.091, 340.649$ is the 20% darker color. If you saturate the color by 10%, you get $44, 10.014, 341.188$, and if you desaturate by 10%, it is $50, 2.443, 159.826$.

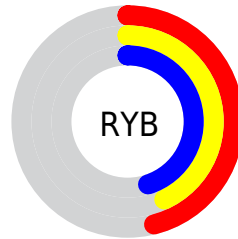
Distribution



Red (46%)

Green (43%)

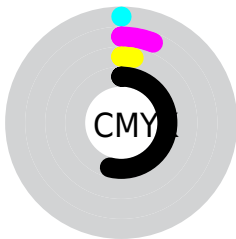
Blue (45%)



Red (46%)

Yellow (43%)

Blue (45%)

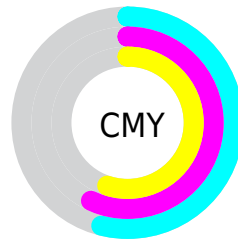


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (54%)



Cyan (54%)

Magenta (57%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 3.722, 340.362 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, 3.722, 340.362 by changing the saturation by 10% instead.

■ 47, 3.722, 340.362

■ 47, 3.722, 340.362

■ 100, 3.722,
340.362

■ 37, 3.722, 340.362

■ 67, 3.722, 340.362

■ 27, 3.722, 340.362

■ 77, 3.722, 340.362

■ 17, 3.722, 340.362

■ 87, 3.722, 340.362

■ 7, 3.722, 340.362

■ 97, 3.722, 340.362

■ 0, 3.722, 340.362

■ 47, 3.722, 340.362

■ 47, 3.722, 340.362

■ 44, 10.014,
341.188

■ 50, 2.443, 159.826

■ 40, 16.373,

■ 54, 8.440, 159.087

342.047

58, 14.254,
158.457

37, 22.694,
342.990

61, 19.881,
157.876

34, 28.821,
344.044

65, 25.324,
157.334

31, 34.539,
345.249

68, 30.592,
156.828

29, 39.579,
346.657

72, 35.694,
156.353

27, 43.645,
348.346

75, 40.643,
155.908

26, 46.480,
350.415

79, 45.450,
155.490

25, 48.132,
352.910

Harmonies

Complementary

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



47, 3.722, 340.362



48, 3.694, 159.628

Rectangle

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



47, 3.722, 340.362



47, 3.722, 30.362



47, 3.722, 160.362



47, 3.722, 210.362

Sweetspot

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



47, 3.721, 340.368



61, 1.525, 339.945



47, 4.326, 306.368



32, 0.874, 339.917



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, 3.721, 340.368



59, 5.356, 340.467



47, 2.902, 12.831



23, 2.810, 340.472



26, 50.466, 354.096



54, 84.821, 356.131

Inverse Universe

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



47, 3.721, 340.368



59, 5.356, 340.467



48, 2.815, 192.215



23, 2.810, 340.472



26, 50.466, 354.096



54, 84.821, 356.131

Previews

White Background



This preview shows how the CIELCh color 47, 3.722, 340.362 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, 3.722, 340.362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

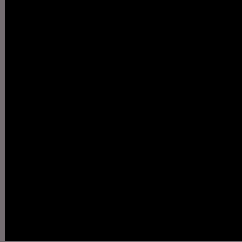
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 3.722, 340.362

Background



This preview shows how black text looks on a background with the CIELCh color 47, 3.722, 340.362.



This preview shows how white text looks on a background with the CIELCh color 47, 3.722, 340.362.

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, 3.722, 340.362

Protanopia

47, 1.965, 314.714

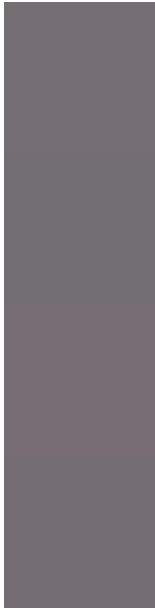
Deuteranopia

47, 6.411, 346.623



Tritanopia
47, 6.256, 321.723

Trichromacy



Original Color

47, 3.722, 340.362

Protanomaly

47, 2.889, 324.565

Deuteranomaly

47, 5.059, 344.261

Tritanomaly

47, 5.285, 328.387

Monochromacy



Original Color

47, 3.722, 340.362

Achromatopsia

47, 0.006, 296.813

Achromatomaly

47, 1.712, 335.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 3.722, 340.362 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(117, 110, 114)` looks like.

```
.text, #text, p{  
    color:rgb(117, 110, 114)  
}
```

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(117, 110, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 110, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 3.722, 340.362 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(117, 110, 114) }
```

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

```
.border{ border-color:rgb(117, 110, 114) }
```

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

Here you see how a box with a 4 pixel rgb(117, 110, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 110, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 110, 114);  
box-shadow:4px 4px 4px 4px rgb(117, 110,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 3.722, 340.362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 110, 114) }
```

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

```
.background{ background-color: rgb(117,  
110, 114) }
```

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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