

Converting Colors

CIELCh(47, 8.772, 340.888)

Have a look what the booklet for
CIELCh(47, 8.772, 340.888) contains.

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Color

CIELCh(47, 8.436, 341.390)

Conversions

Conversions Part 1

Format	Color
Hex	7B6B74
RGB	123, 107, 116
RGB Percent	48%, 42%, 45%
CMY	0.5172, 0.5800, 0.5447
CMYK	0.00, 0.13, 0.06, 0.52
HSL	326°, 7%, 45%
HSV	326°, 13%, 48%
XYZ	16.6108, 16.0195, 18.7718
YIQ	112.8100, 6.6470, 6.1910

Conversions

Conversions Part 2

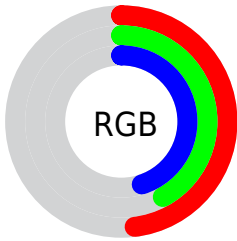
Format	Color
R_{YB}	123, 107, 116
Decimal	8088436
CIE Lab	47.00, 7.99, -2.69
CIE LCh	47, 8.436, 341.390
Yxy	16.0195, 0.3232, 0.3116
Android (android.graphics.Color)	4286278516 (0xFF7B6B74)
YUV	112.8100, 1.5727, 8.9366
Hunter-Lab	40.0243, 4.0382, 0.2094

Details

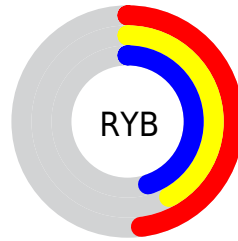
The CIELCh color $47, 8.436, 341.390$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 8.334, 159.464$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 8.827, 341.536$, and $27, 8.146, 341.334$ is the 20% darker color. If you saturate the color by 10%, you get $44, 15.037, 342.248$, and if you desaturate by 10%, it is $51, 1.927, 340.516$.

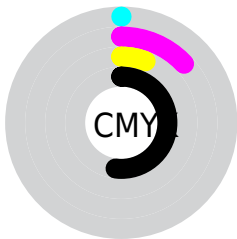
Distribution



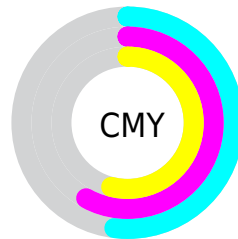
- Red (48%)
- Green (42%)
- Blue (45%)



- Red (48%)
- Yellow (42%)
- Blue (45%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (52%)



- Cyan (52%)
- Magenta (58%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 8.436, 341.390 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, 8.436, 341.390 by changing the saturation by 10% instead.

■ 47, 8.436, 341.390

■ 47, 8.436, 341.390

■ 100, 8.436,
341.390

■ 37, 8.436, 341.390

■ 67, 8.436, 341.390

■ 27, 8.436, 341.390

■ 77, 8.436, 341.390

■ 17, 8.436, 341.390

■ 87, 8.436, 341.390

■ 7, 8.436, 341.390

■ 97, 8.436, 341.390

■ 0, 8.436, 341.390

■ 47, 8.436, 341.390

■ 47, 8.436, 341.390

■ 44, 15.037,
342.248

■ 51, 1.927, 340.516

■ 40, 21.638,

■ 54, 4.428, 160.007

343.182

58, 10.599,
159.314

37, 28.093,
344.225

62, 16.576,
158.693

34, 34.191,
345.413

65, 22.356,
158.119

31, 39.664,
346.798

69, 27.946,
157.584

29, 44.203,
348.455

73, 33.354,
157.083

28, 47.518,
350.482

76, 38.594,
156.615

26, 49.443,
352.997

80, 43.676,
156.175

26, 50.498,
354.875

Harmonies

Complementary

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



47, 8.436, 341.390



50, 8.334, 159.464

Rectangle

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



47, 8.436, 341.390



47, 8.436, 31.390



47, 8.436, 161.390



47, 8.436, 211.390

Sweetspot

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



47, 8.434, 341.393



64, 3.200, 340.635



46, 9.931, 307.310



33, 2.293, 340.698



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



47, 8.434, 341.393



59, 12.948, 341.676



47, 6.716, 14.822



24, 3.624, 341.068



26, 51.027, 354.932



55, 85.210, 356.973

Inverse Universe

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



47, 8.434, 341.393



59, 12.948, 341.676



50, 6.266, 193.059



24, 3.624, 341.068



26, 51.027, 354.932



55, 85.210, 356.973

Previews

White Background



This preview shows how the CIELCh color 47, 8.436, 341.390 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, 8.436, 341.390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

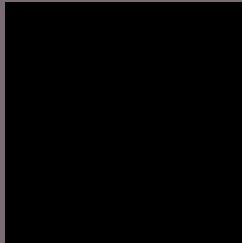
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 8.436, 341.390

Background



This preview shows how black text looks on a background with the CIELCh color 47, 8.436, 341.390.



This preview shows how white text looks on a background with the CIELCh color 47, 8.436, 341.390.

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, 8.436, 341.390

Protanopia

47, 4.172, 296.217

Deuteranopia

47, 6.820, 336.304



Tritanopia
47, 8.436, 341.390

Trichromacy



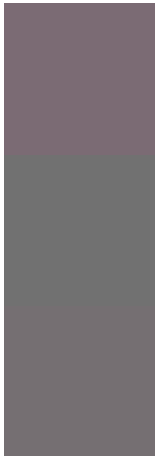
Original Color
47, 8.436, 341.390

Protanomaly
47, 4.822, 320.724

Deuteranomaly
47, 7.118, 338.652

Tritanomaly
47, 8.436, 341.390

Monochromacy



Original Color
47, 8.436, 341.390

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 3.033, 343.960

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 8.436, 341.390 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(123, 107, 116)` looks like.

```
.text, #text, p{  
    color:rgb(123, 107, 116)  
}
```

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(123, 107, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 107, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 8.436, 341.390 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(123, 107, 116) }
```

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

```
.border{ border-color:rgb(123, 107, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 107, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 107, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 107, 116);  
box-shadow:4px 4px 4px 4px rgb(123, 107,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 8.436, 341.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 107, 116) }
```

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

```
.background{ background-color: rgb(123,  
107, 116) }
```

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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