

Converting Colors

CIELCh(48, 9.256, 342.313)

Have a look what the booklet for
CIELCh(48, 9.256, 342.313) contains.

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Color

CIELCh(48, 9.402, 341.842)

Conversions

Conversions Part 1

Format	Color
Hex	7F6D77
RGB	127, 109, 119
RGB Percent	50%, 43%, 47%
CMY	0.5018, 0.5724, 0.5332
CMYK	0.00, 0.14, 0.06, 0.50
HSL	327°, 8%, 46%
HSV	327°, 14%, 50%
XYZ	17.5642, 16.7945, 19.7820
YIQ	115.5220, 7.5180, 6.9260

Conversions

Conversions Part 2

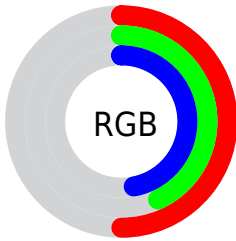
Format	Color
R_{YB}	127, 109, 119
Decimal	8351095
CIE Lab	48.00, 8.93, -2.93
CIE LCh	48, 9.402, 341.842
Yxy	16.7945, 0.3244, 0.3102
Android (android.graphics.Color)	4286541175 (0xFF7F6D77)
YUV	115.5220, 1.7147, 10.0662
Hunter-Lab	40.9810, 4.7873, 0.0668

Details

The CIELCh color $48, 9.402, 341.842$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 9.275, 159.697$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 9.098, 343.075$, and $28, 9.935, 340.740$ is the 20% darker color. If you saturate the color by 10%, you get $44, 16.152, 342.718$, and if you desaturate by 10%, it is $52, 2.739, 340.987$.

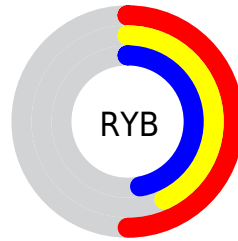
Distribution



Red (50%)

Green (43%)

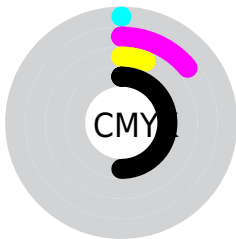
Blue (47%)



Red (50%)

Yellow (43%)

Blue (47%)

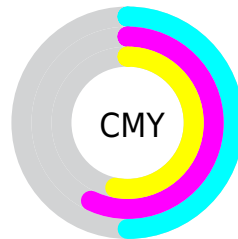


Cyan (0%)

Magenta (14%)

Yellow (6%)

Black (50%)



Cyan (50%)

Magenta (57%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 9.402, 341.842 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 48, 9.402, 341.842 by changing the saturation by 10% instead.

■ 48, 9.402, 341.842

■ 48, 9.402, 341.842

■ 100, 9.402,
341.842

■ 38, 9.402, 341.842

■ 68, 9.402, 341.842

■ 28, 9.402, 341.842

■ 78, 9.402, 341.842

■ 18, 9.402, 341.842

■ 88, 9.402, 341.842

■ 8, 9.402, 341.842

■ 98, 9.402, 341.842

■ 0, 9.402, 341.842

■ 48, 9.402, 341.842

■ 48, 9.402, 341.842

■ 44, 16.152,
342.718

■ 52, 2.739, 340.987

■ 41, 22.891,

■ 55, 3.770, 160.439

343.678

59, 10.092,
159.724

38, 29.458,
344.754

63, 16.214,
159.093

35, 35.630,
345.987

67, 22.133,
158.510

32, 41.123,
347.434

71, 27.855,
157.967

30, 45.618,
349.174

74, 33.390,
157.460

28, 48.824,
351.315

78, 38.750,
156.986

27, 50.627,
353.969

82, 43.948,
156.541

27, 51.498,
355.593

Harmonies

Complementary

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



48, 9.402, 341.842



52, 9.275, 159.697

Rectangle

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



48, 9.402, 341.842



48, 9.402, 31.842



48, 9.402, 161.842



48, 9.402, 211.842

Sweetspot

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



48, 9.400, 341.845



66, 3.267, 340.980



47, 11.128, 307.372



34, 2.341, 341.044



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



48, 9.400, 341.845



60, 14.059, 342.120



48, 7.543, 14.934



25, 3.732, 341.421



27, 51.629, 355.606



0, 0.000, 0.000

Inverse Universe

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



48, 9.400, 341.845



60, 14.059, 342.120



52, 6.990, 192.972



25, 3.732, 341.421



27, 51.629, 355.606



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 48, 9.402, 341.842 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 48, 9.402, 341.842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

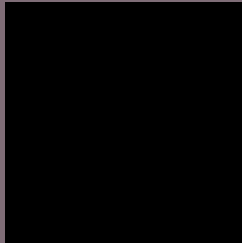
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 9.402, 341.842

Background



This preview shows how black text looks on a background with the CIELCh color 48, 9.402, 341.842.



This preview shows how white text looks on a background with the CIELCh color 48, 9.402, 341.842.

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


48, 9.402, 341.842

Protanopia

48, 5.333, 295.127

Deuteranopia

48, 6.788, 336.288



Tritanopia
48, 9.059, 344.780

Trichromacy



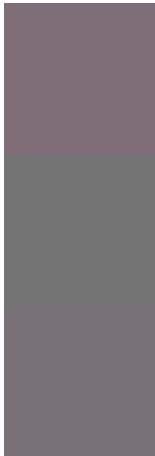
Original Color
48, 9.402, 341.842

Protanomaly
48, 6.030, 318.427

Deuteranomaly
48, 7.785, 337.445

Tritanomaly
48, 9.059, 344.780

Monochromacy



Original Color
48, 9.402, 341.842

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 3.705, 340.350

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 9.402, 341.842 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, 109, 119)` looks like.

```
.text, #text, p{  
    color:rgb(127, 109, 119)  
}
```

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, 109, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 109, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 9.402, 341.842 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, 109, 119) }
```

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

```
.border{ border-color:rgb(127, 109, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 109, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 109, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 109, 119);  
box-shadow:4px 4px 4px 4px rgb(127, 109,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 9.402, 341.842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 109, 119) }
```

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

```
.background{ background-color: rgb(127,  
109, 119) }
```

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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