

Converting Colors

CIELCh(47, 9.127, 342.118)

Have a look what the booklet for
CIELCh(47, 9.127, 342.118) contains.

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Color

CIELCh(47, 8.757, 343.153)

Conversions

Conversions Part 1

Format	Color
Hex	7C6B74
RGB	124, 107, 116
RGB Percent	49%, 42%, 45%
CMY	0.5143, 0.5809, 0.5456
CMYK	0.00, 0.14, 0.06, 0.51
HSL	328°, 7%, 45%
HSV	328°, 14%, 49%
XYZ	16.6798, 16.0195, 18.6939
YIQ	113.1090, 7.2430, 6.4030

Conversions

Conversions Part 2

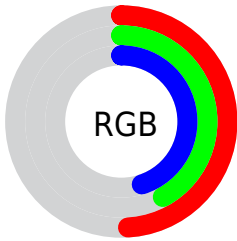
Format	Color
R_{YB}	124, 107, 116
Decimal	8153972
CIE _{Lab}	47.00, 8.38, -2.54
CIE _{LCh}	47, 8.757, 343.153
Yxy	16.0195, 0.3246, 0.3117
Android (android.graphics.Color)	4286344052 (0xFF7C6B74)
YUV	113.1090, 1.4253, 9.5514
Hunter-Lab	40.0243, 4.3457, 0.3248

Details

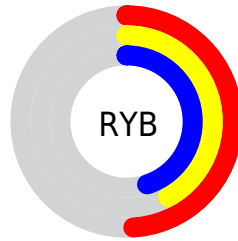
The CIELCh color $47, 8.757, 343.153$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 8.628, 161.042$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 9.128, 343.089$, and $27, 8.496, 343.388$ is the 20% darker color. If you saturate the color by 10%, you get $43, 15.261, 344.054$, and if you desaturate by 10%, it is $51, 2.349, 342.267$.

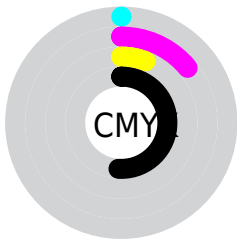
Distribution



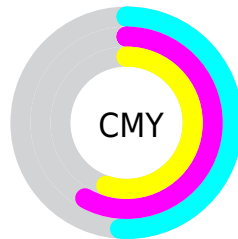
- Red (49%)
- Green (42%)
- Blue (45%)



- Red (49%)
- Yellow (42%)
- Blue (45%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (51%)



- Cyan (51%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 8.757, 343.153 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, 8.757, 343.153 by changing the saturation by 10% instead.

■ 47, 8.757, 343.153

■ 47, 8.757, 343.153

■ 100, 8.757,
343.153

■ 37, 8.757, 343.153

■ 67, 8.757, 343.153

■ 27, 8.757, 343.153

■ 77, 8.757, 343.153

■ 17, 8.757, 343.153

■ 87, 8.757, 343.153

■ 7, 8.757, 343.153

■ 97, 8.757, 343.153

■ 0, 8.757, 343.153

■ 47, 8.757, 343.153

■ 47, 8.757, 343.153

■ 43, 15.261,
344.054

■ 51, 2.349, 342.267

■ 40, 21.771,

■ 54, 3.900, 161.721

345.044

58, 9.963, 160.999

37, 28.137,
346.161

62, 15.828,
160.361

34, 34.150,
347.450

65, 21.494,
159.772

31, 39.540,
348.970

69, 26.969,
159.225

29, 43.999,
350.810

73, 32.263,
158.715

28, 47.246,
353.083

77, 37.387,
158.238

26, 49.155,
355.912

80, 42.354,
157.791

26, 50.164,
357.780

Harmonies

Complementary

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



47, 8.757, 343.153



50, 8.628, 161.042

Rectangle

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



47, 8.757, 343.153



47, 8.757, 33.153



47, 8.757, 163.153



47, 8.757, 213.153

Sweetspot

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



47, 8.755, 343.156



64, 3.127, 342.306



46, 10.610, 308.509



33, 2.241, 342.372



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, 8.755, 343.156



59, 12.664, 343.388



47, 7.132, 17.558



24, 3.542, 342.756



26, 50.475, 357.817



55, 84.431, 0.084

Inverse Universe

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



47, 8.755, 343.156



59, 12.664, 343.388



51, 6.592, 195.866



24, 3.542, 342.756



26, 50.475, 357.817



55, 84.431, 0.084

Previews

White Background



This preview shows how the CIELCh color 47, 8.757, 343.153 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, 8.757, 343.153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

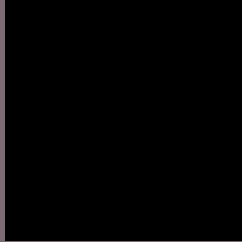
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 8.757, 343.153

Background



This preview shows how black text looks on a background with the CIELCh color 47, 8.757, 343.153.



This preview shows how white text looks on a background with the CIELCh color 47, 8.757, 343.153.

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, 8.757, 343.153

Protanopia

47, 4.172, 296.217

Deuteranopia

47, 6.820, 336.304



Tritanopia
47, 8.426, 346.381

Trichromacy



Original Color
47, 8.757, 343.153

Protanomaly
47, 5.543, 321.284

Deuteranomaly
47, 7.118, 338.652

Tritanomaly
47, 8.426, 346.381

Monochromacy



Original Color
47, 8.757, 343.153

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, 8.757, 343.153 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(124, 107, 116)` looks like.

```
.text, #text, p{  
    color:rgb(124, 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(124, 107, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 107, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 8.757, 343.153 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(124, 107, 116) }
```

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

```
.border{ border-color:rgb(124, 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(124, 107, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 107, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 107, 116);  
box-shadow:4px 4px 4px 4px rgb(124, 107,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 8.757, 343.153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 107, 116) }
```

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

```
.background{ background-color: rgb(124,  
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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