

Converting Colors

CIELCh(47, 8.293, 143.908)

Have a look what the booklet for
CIELCh(47, 8.293, 143.908) contains.

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Color

CIELCh(47, 8.672, 143.876)

Conversions

Conversions Part 1

Format	Color
Hex	677367
RGB	103, 115, 103
RGB Percent	40%, 45%, 40%
CMY	0.5974, 0.5504, 0.5974
CMYK	0.10, 0.00, 0.10, 0.55
HSL	120°, 6%, 43%
HSV	120°, 10%, 45%
XYZ	14.0779, 16.0195, 15.0937
YIQ	110.0440, -3.3000, -6.2760

Conversions

Conversions Part 2

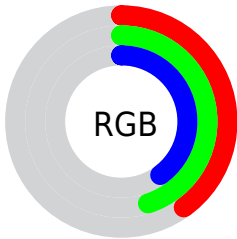
Format	Color
R_{YB}	103, 115, 115
Decimal	6779751
CIE Lab	47.00, -7.00, 5.11
CIE LCh	47, 8.672, 143.876
Yxy	16.0195, 0.3115, 0.3545
Android (android.graphics.Color)	4284969831 (0xFF677367)
YUV	110.0440, -3.4727, -6.1776
Hunter-Lab	40.0243, -7.2582, 5.6580

Details

The CIELCh color $47, 8.672, 143.876$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 8.686, 324.968$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 8.765, 144.024$, and $27, 8.747, 143.566$ is the 20% darker color. If you saturate the color by 10%, you get $46, 17.036, 143.208$, and if you desaturate by 10%, it is $48, 0.375, 144.878$.

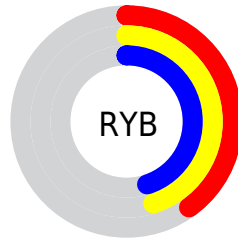
Distribution



Red (40%)

Green (45%)

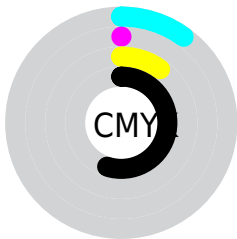
Blue (40%)



Red (40%)

Yellow (45%)

Blue (45%)

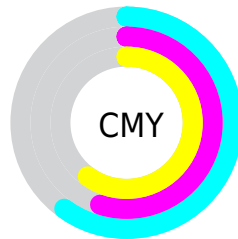


Cyan (10%)

Magenta (0%)

Yellow (10%)

Black (55%)



Cyan (60%)

Magenta (55%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 8.672, 143.876 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, 8.672, 143.876 by changing the saturation by 10% instead.

■ 47, 8.672, 143.876

■ 47, 8.672, 143.876

■ 100, 8.672,
143.876

■ 37, 8.672, 143.876

■ 67, 8.672, 143.876

■ 27, 8.672, 143.876

■ 77, 8.672, 143.876

■ 17, 8.672, 143.876

■ 87, 8.672, 143.876

■ 7, 8.672, 143.876

■ 97, 8.672, 143.876

■ 0, 8.672, 143.876

■ 47, 8.672, 143.876

■ 47, 8.672, 143.876

■ 46, 17.036,
143.208

■ 48, 0.375, 144.878

■ 45, 25.357,

■ 50, 7.783, 324.877

142.440

51, 15.750,
325.297

44, 33.494,
141.562

53, 23.493,
325.649

43, 41.266,
140.579

54, 30.995,
325.948

43, 48.448,
139.518

56, 38.251,
326.204

42, 54.772,
138.439

58, 45.261,
326.424

42, 59.935,
137.439

60, 52.033,
326.614

42, 63.648,
136.646

61, 58.576,
326.778

42, 66.398,
136.017

Harmonies

Complementary

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



47, 8.672, 143.876



45, 8.686, 324.968

Rectangle

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



47, 8.672, 143.876



47, 8.672, 193.876



47, 8.672, 323.876



47, 8.672, 13.876

Sweetspot

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



47, 8.673, 143.876



61, 3.044, 144.349



48, 7.036, 109.218



31, 2.295, 144.298



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



47, 8.673, 143.876



59, 13.299, 143.694



47, 6.042, 162.863



23, 4.575, 143.969



43, 68.532, 136.017



85, 117.045, 136.016

Inverse Universe

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



45, 8.686, 324.968



56, 13.315, 325.121



45, 6.123, 344.439



22, 4.583, 324.887



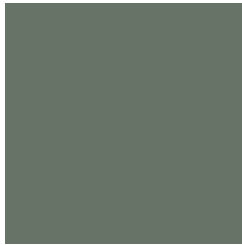
28, 66.120, 328.235



59, 112.924, 328.236

Previews

White Background



This preview shows how the CIELCh color 47, 8.672, 143.876 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, 8.672, 143.876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

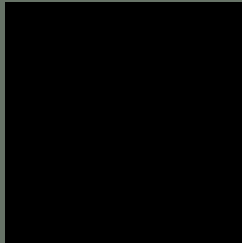
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

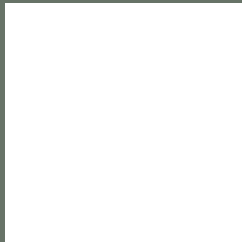
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 8.672, 143.876

Background



This preview shows how black text looks on a background with the CIELCh color 47, 8.672, 143.876.

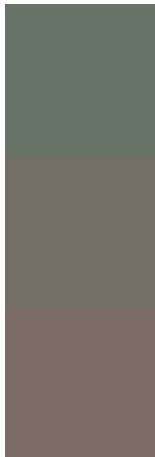


This preview shows how white text looks on a background with the CIELCh color 47, 8.672, 143.876.

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, 8.672, 143.876

Protanopia

47, 6.255, 89.568

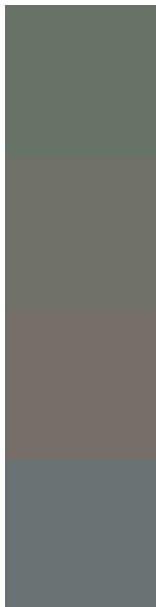
Deuteranopia

47, 7.852, 33.211



Tritanopia
47, 5.767, 267.065

Trichromacy



Original Color
47, 8.672, 143.876

Protanomaly
47, 5.911, 113.423

Deuteranomaly
47, 4.593, 69.856

Tritanomaly
47, 3.226, 209.748

Monochromacy



Original Color
47, 8.672, 143.876

Achromatopsia
46, 0.006, 296.813

Achromatomaly
47, 3.613, 144.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 8.672, 143.876 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(103, 115, 103)` looks like.

```
.text, #text, p{  
    color:rgb(103, 115, 103)  
}
```

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(103, 115, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 115, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 8.672, 143.876 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(103, 115, 103) }
```

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

```
.border{ border-color:rgb(103, 115, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 115, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 115, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 115, 103);  
box-shadow:4px 4px 4px 4px rgb(103, 115,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 8.672, 143.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 115, 103) }
```

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

```
.background{ background-color: rgb(103,  
115, 103) }
```

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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