

Converting Colors

CIELCh(47, 38.604, 336.176)

Have a look what the booklet for
CIELCh(47, 38.604, 336.176)
contains.

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Color

CIELCh(47, 38.797, 336.457)

Conversions

Conversions Part 1

Format	Color
Hex	9D588A
RGB	157, 88, 138
RGB Percent	62%, 35%, 54%
CMY	0.3838, 0.6544, 0.4583
CMYK	0.00, 0.44, 0.12, 0.38
HSL	317°, 28%, 48%
HSV	317°, 44%, 62%
XYZ	22.0267, 16.0195, 26.0238
YIQ	114.3310, 25.0740, 30.1780

Conversions

Conversions Part 2

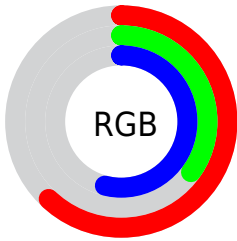
Format	Color
R_{YB}	157, 88, 138
Decimal	10311818
CIE _{Lab}	47.00, 35.57, -15.50
CIE _{LCh}	47, 38.797, 336.457
Yxy	16.0195, 0.3438, 0.2500
Android (android.graphics.Color)	4288501898 (0xFF9D588A)
YUV	114.3310, 11.6688, 37.4207
Hunter-Lab	40.0243, 28.1920, -10.5333

Details

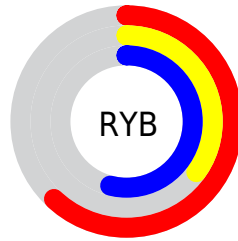
The CIELCh color $47, 38.797, 336.457$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 38.490, 149.518$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 38.781, 336.270$, and $27, 38.697, 336.515$ is the 20% darker color. If you saturate the color by 10%, you get $44, 46.745, 337.311$, and if you desaturate by 10%, it is $51, 30.225, 335.664$.

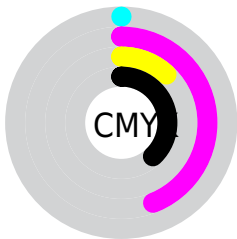
Distribution



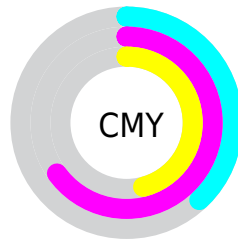
- Red (62%)
- Green (35%)
- Blue (54%)



- Red (62%)
- Yellow (35%)
- Blue (54%)



- Cyan (0%)
- Magenta (44%)
- Yellow (12%)
- Black (38%)



- Cyan (38%)
- Magenta (65%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 38.797, 336.457 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, 38.797, 336.457 by changing the saturation by 10% instead.

 47, 38.797,
336.457

 47, 38.797,
336.457


 100, 38.797,
336.457

 37, 38.797,
336.457

 67, 38.797,
336.457

 27, 38.797,
336.457

 77, 38.797,
336.457

 17, 38.797,
336.457

 87, 38.797,
336.457

 7, 38.797, 336.457

 97, 38.797,
336.457

 0, 38.797, 336.457

 47, 38.797,

 47, 38.797,

336.457

336.457

44, 46.745,
337.311

51, 30.225,
335.664

41, 53.699,
338.245

55, 21.342,
334.917

38, 59.245,
339.293

59, 12.368,
334.206

36, 63.027,
340.502

63, 3.457, 333.484

35, 64.872,
341.932


67, 5.295, 152.988

35, 65.477,
342.873

72, 13.831,
152.360

76, 22.124,
151.791

81, 30.164,
151.256

 85, 37.953,
150.754

Harmonies

Complementary

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



47, 38.797, 336.457



59, 38.490, 149.518

Rectangle

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



47, 38.797, 336.457



47, 38.797, 26.457



47, 38.797, 156.457



47, 38.797, 206.457

Sweetspot

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



47, 38.795, 336.457



75, 14.285, 334.159



42, 42.179, 303.930



38, 9.985, 334.304



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



47, 38.795, 336.457



56, 56.823, 337.320



46, 30.527, 6.249



31, 5.034, 333.880



31, 61.144, 342.718



1, 6.375, 334.726

Inverse Universe

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



47, 38.795, 336.457



56, 56.823, 337.320



60, 25.878, 176.417



31, 5.034, 333.880



31, 61.144, 342.718



1, 6.375, 334.726

Previews

White Background



This preview shows how the CIELCh color 47, 38.797, 336.457 looks on a white background.

Color Contrast Check

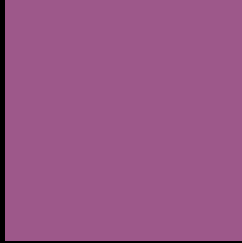
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 47, 38.797, 336.457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

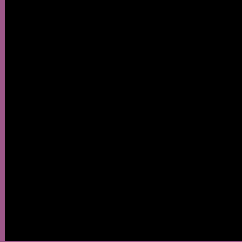
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 38.797, 336.457

Background



This preview shows how black text looks on a background with the CIELCh color 47, 38.797, 336.457.

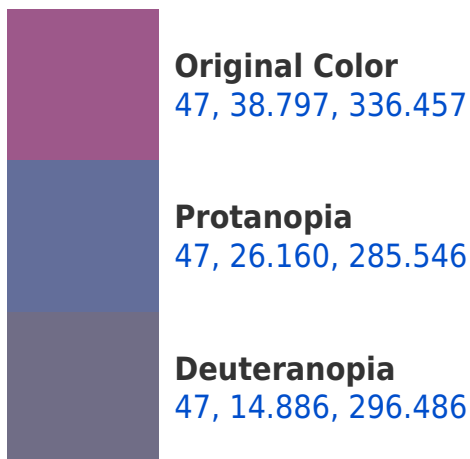


This preview shows how white text looks on a background with the CIELCh color 47, 38.797, 336.457.

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





Tritanopia
47, 25.298, 12.407

Trichromacy



Original Color
47, 38.797, 336.457

Protanomaly
46, 28.190, 306.925

Deuteranomaly
47, 23.235, 319.032

Tritanomaly
47, 28.573, 355.705

Monochromacy



Original Color
47, 38.797, 336.457

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 14.627, 334.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 38.797, 336.457 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(157, 88, 138)` looks like.

```
.text, #text, p{  
    color:rgb(157, 88, 138)  
}
```

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(157, 88, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 88, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 38.797, 336.457 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(157, 88, 138) }
```

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

```
.border{ border-color:rgb(157, 88, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 88, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 88, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 88, 138); box-shadow:4px 4px 4px 4px rgb(157, 88, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 38.797, 336.457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 88, 138) }
```

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

```
.background{ background-color: rgb(157, 88,  
138) }
```

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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