

Converting Colors

CIELCh(78, 38.548, 47.521)

Have a look what the booklet for
CIELCh(78, 38.548, 47.521) contains.

CIELCh(78, 38.548, 47.521)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(78, 38.548, 47.521)

Conversions

Conversions Part 1

Format	Color
Hex	FFAE8E
RGB	255, 174, 142
RGB Percent	100%, 68%, 56%
CMY	0.0019, 0.3193, 0.4448
CMYK	0.00, 0.32, 0.44, 0.00
HSL	17°, 99%, 78%
HSV	17°, 44%, 100%
XYZ	60.9647, 53.2120, 32.4839
YIQ	194.5710, 58.5480, 7.2200

Conversions

Conversions Part 2

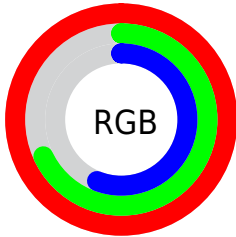
Format	Color
R _Y B	255, 187, 142
Decimal	16756366
CIE Lab	78.00, 26.03, 28.43
CIE LCh	78, 38.548, 47.521
Yxy	53.2120, 0.4157, 0.3628
Android (android.graphics.Color)	4294946446 (0xFFFFAE8E)
YUV	194.5710, -25.9175, 52.9962
Hunter-Lab	72.9466, 21.5240, 24.6601

Details

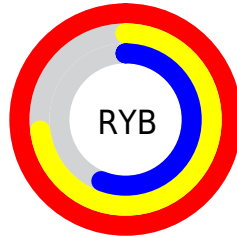
The CIELCh color **78, 38.548, 47.521** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 28.599, 234.501**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 19.983, 80.168**, and **58, 38.857, 47.647** is the 20% darker color. If you saturate the color by 10%, you get **74, 49.106, 47.408**, and if you desaturate by 10%, it is **83, 28.686, 47.782**.

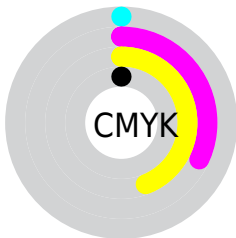
Distribution



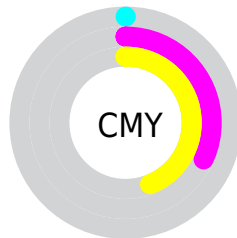
- Red (100%)
- Green (68%)
- Blue (56%)



- Red (100%)
- Yellow (73%)
- Blue (56%)



- Cyan (0%)
- Magenta (32%)
- Yellow (44%)
- Black (0%)



- Cyan (0%)
- Magenta (32%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 38.548, 47.521 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 78, 38.548, 47.521 by changing the saturation by 10% instead.

 78, 38.548, 47.521

 78, 38.548, 47.521

 100, 38.548,
47.521

 68, 38.548, 47.521

 98, 38.548, 47.521

 58, 38.548, 47.521

 48, 38.548, 47.521

 38, 38.548, 47.521

 28, 38.548, 47.521

 18, 38.548, 47.521

 8, 38.548, 47.521

 0, 38.548, 47.521

 78, 38.548, 47.521

 78, 38.548, 47.521

74, 49.106, 47.408

83, 28.686, 47.782

69, 60.260, 47.423

88, 19.539, 48.157

66, 71.712, 47.506

93, 11.075, 48.615

62, 82.762, 47.442

98, 3.239, 49.037

59, 91.954, 46.735

100, 0.168,
203.346

58, 95.947, 46.029

Harmonies

Complementary

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



78, 38.548, 47.521



85, 28.599, 234.501

Rectangle

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



78, 38.548, 47.521



78, 38.548, 97.521



78, 38.548, 227.521



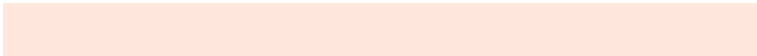
78, 38.548, 277.521

Sweetspot

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



78, 38.547, 47.526



93, 9.979, 48.682



73, 58.202, 336.232



49, 7.044, 48.575



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 38.547, 47.526



74, 47.693, 47.416



91, 45.472, 92.832



50, 4.305, 48.848



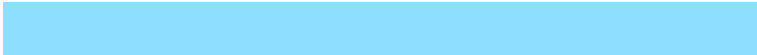
44, 76.899, 46.571



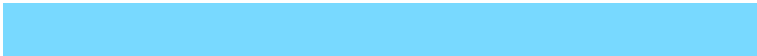
13, 28.781, 42.579

Inverse Universe

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



85, 28.599, 234.501



82, 32.970, 236.282



70, 47.627, 285.689



51, 4.082, 230.226



54, 38.491, 253.056



17, 16.949, 246.202

Previews

White Background



This preview shows how the CIELCh color 78, 38.548, 47.521 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 78, 38.548, 47.521 looks on a black 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 ✓ Pass

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

CIELCh 78, 38.548, 47.521

Background



This preview shows how black text looks on a background with the CIELCh color 78, 38.548, 47.521.



This preview shows how white text looks on a background with the CIELCh color 78, 38.548, 47.521.

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

78, 38.548, 47.521

Protanopia

78, 23.438, 95.156

Deuteranopia

78, 30.910, 71.622



Tritanopia
78, 33.427, 12.521

Trichromacy



Original Color
78, 38.548, 47.521

Protanomaly
78, 26.203, 71.793

Deuteranomaly
78, 32.789, 61.752

Tritanomaly
78, 33.736, 25.860

Monochromacy



Original Color
78, 38.548, 47.521

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 12.997, 49.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 38.548, 47.521 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(255, 174, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 142)  
}
```

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(255, 174, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 38.548, 47.521 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(255, 174, 142) }
```

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

```
.border{ border-color:rgb(255, 174, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 174, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 174, 142); box-shadow:4px 4px 4px 4px rgb(255, 174, 142) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 38.548, 47.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 142) }
```

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

```
.background{ background-color: rgb(255,  
174, 142) }
```

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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