

Converting Colors

CIELCh(78, 38.242, 46.894)

Have a look what the booklet for
CIELCh(78, 38.242, 46.894) contains.

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Color

CIELCh(78, 37.857, 47.145)

Conversions

Conversions Part 1

Format	Color
Hex	FEAE8F
RGB	254, 174, 143
RGB Percent	100%, 68%, 56%
CMY	0.0047, 0.3183, 0.4399
CMYK	0.00, 0.32, 0.44, 0.00
HSL	17°, 98%, 78%
HSV	17°, 44%, 100%
XYZ	60.8444, 53.2120, 32.9808
YIQ	194.3860, 57.6310, 7.3190

Conversions

Conversions Part 2

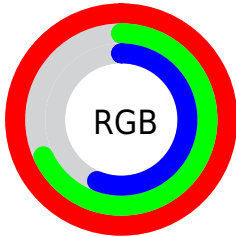
Format	Color
R_{YB}	254, 186, 143
Decimal	16690831
CIE Lab	78.00, 25.75, 27.75
CIE LCh	78, 37.857, 47.145
Yxy	53.2120, 0.4138, 0.3619
Android (android.graphics.Color)	4294880911 (0xFFFEAE8F)
YUV	194.3860, -25.3333, 52.2815
Hunter-Lab	72.9466, 21.2295, 24.2562

Details

The CIELCh color **78, 37.857, 47.145** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 28.175, 233.803**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 19.525, 79.523**, and **58, 38.108, 47.265** is the 20% darker color. If you saturate the color by 10%, you get **74, 48.369, 47.052**, and if you desaturate by 10%, it is **83, 28.046, 47.389**.

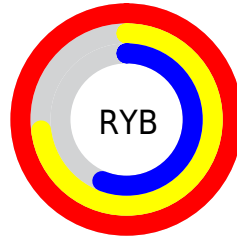
Distribution



Red (100%)

Green (68%)

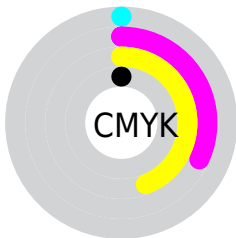
Blue (56%)



Red (100%)

Yellow (73%)

Blue (56%)

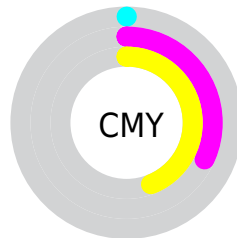


Cyan (0%)

Magenta (32%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 37.857, 47.145 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, 37.857, 47.145 by changing the saturation by 10% instead.

78, 37.857, 47.145

78, 37.857, 47.145

100, 37.857,
47.145

68, 37.857, 47.145

98, 37.857, 47.145

58, 37.857, 47.145

48, 37.857, 47.145

38, 37.857, 47.145

28, 37.857, 47.145

18, 37.857, 47.145

8, 37.857, 47.145

0, 37.857, 47.145

78, 37.857, 47.145

78, 37.857, 47.145

74, 48.369, 47.052

83, 28.046, 47.389

69, 59.489, 47.093

88, 18.950, 47.748

65, 70.938, 47.214

93, 10.536, 48.190

62, 82.053, 47.216

98, 2.748, 48.566

59, 91.434, 46.619

100, 0.418,
200.965

58, 95.929, 45.866

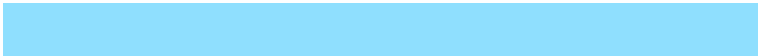
Harmonies

Complementary

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



78, 37.857, 47.145



85, 28.175, 233.803

Rectangle

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



78, 37.857, 47.145



78, 37.857, 97.145



78, 37.857, 227.145



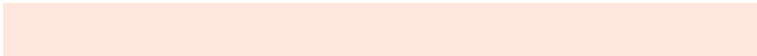
78, 37.857, 277.145

Sweetspot

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



78, 37.856, 47.150



93, 9.989, 48.223



74, 57.280, 336.177



49, 7.051, 48.121



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, 37.856, 47.150



75, 46.689, 47.058



91, 44.711, 92.918



50, 4.309, 48.383



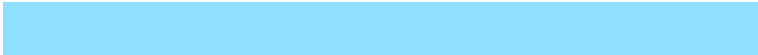
44, 77.055, 46.397



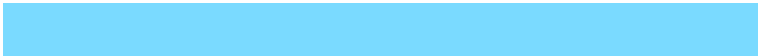
13, 28.835, 42.296

Inverse Universe

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



85, 28.175, 233.803



83, 32.462, 235.454



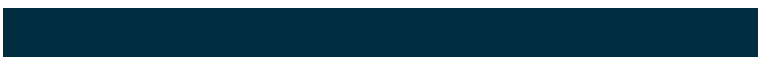
70, 46.778, 285.540



51, 4.084, 229.728



54, 38.276, 252.294



17, 16.885, 245.486

Previews

White Background



This preview shows how the CIELCh color 78, 37.857, 47.145 looks on a white background.

Color Contrast Check

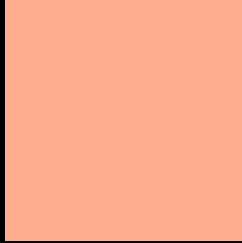
Large Text (above 18pt) WCAG AA × Fail

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, 37.857, 47.145 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, 37.857, 47.145

Background



This preview shows how black text looks on a background with the CIELCh color 78, 37.857, 47.145.

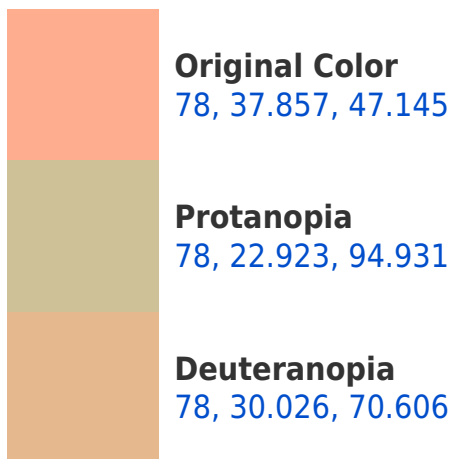


This preview shows how white text looks on a background with the CIELCh color 78, 37.857, 47.145.

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](#).

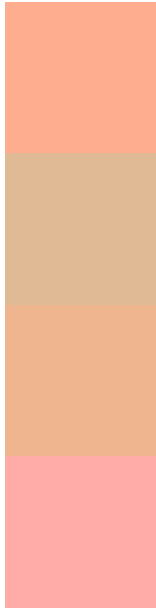
Dichromacy





Tritanopia
78, 33.448, 11.620

Trichromacy



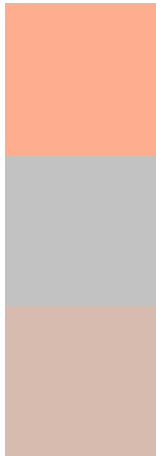
Original Color
78, 37.857, 47.145

Protanomaly
78, 25.501, 71.907

Deuteranomaly
78, 32.005, 60.549

Tritanomaly
78, 33.624, 24.986

Monochromacy



Original Color
78, 37.857, 47.145

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, 37.857, 47.145 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(254, 174, 143)` looks like.

```
.text, #text, p{  
    color:rgb(254, 174, 143)  
}
```

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(254, 174, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 174, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 37.857, 47.145 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(254, 174, 143) }
```

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

```
.border{ border-color:rgb(254, 174, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 174, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 174, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 174, 143);  
box-shadow:4px 4px 4px 4px rgb(254, 174,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 37.857, 47.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 174, 143) }
```

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

```
.background{ background-color: rgb(254,  
174, 143) }
```

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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