

# Converting Colors

CIELCh(73, 44.330, 47.935)

Have a look what the booklet for  
CIELCh(73, 44.330, 47.935) contains.

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# Color

**CIELCh(73, 44.335, 47.666)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F79D79
RGB	247, 157, 121
RGB Percent	97%, 62%, 47%
CMY	0.0322, 0.3850, 0.5262
CMYK	0.00, 0.36, 0.51, 0.03
HSL	17°, 88%, 72%
HSV	17°, 51%, 97%
XYZ	53.7509, 45.1644, 23.9175
YIQ	179.8060, 65.1960, 7.8840

# Conversions

## Conversions Part 2

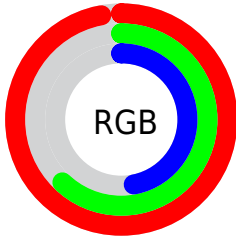
Format	Color
R <sub>Y</sub> B	247, 171, 121
Decimal	16227705
CIE Lab	73.00, 29.86, 32.77
CIE LCh	73, 44.335, 47.666
Yxy	45.1644, 0.4376, 0.3677
Android (android.graphics.Color)	4294417785 (0xFFFF79D79)
YUV	179.8060, -28.9914, 58.9291
Hunter-Lab	67.2044, 25.1587, 25.9423

# Details

The CIELCh color **73, 44.335, 47.666** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **80, 31.227, 236.212**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 26.335, 68.184**, and **53, 44.132, 47.726** is the 20% darker color. If you saturate the color by 10%, you get **69, 55.019, 47.623**, and if you desaturate by 10%, it is **77, 34.274, 47.855**.

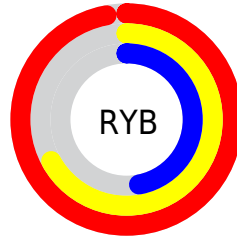
# Distribution



Red (97%)

Green (62%)

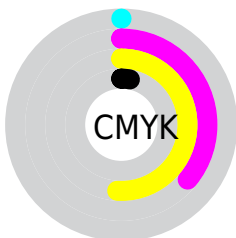
Blue (47%)



Red (97%)

Yellow (67%)

Blue (47%)

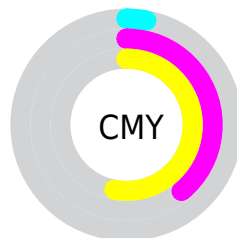


Cyan (0%)

Magenta (36%)

Yellow (51%)

Black (3%)



Cyan (3%)

Magenta (39%)

Yellow (53%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 44.335, 47.666 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 73, 44.335, 47.666 by changing the saturation by 10% instead.



 73, 44.335, 47.666

 73, 44.335, 47.666

 100, 44.335,  
47.666

 63, 44.335, 47.666

 93, 44.335, 47.666

 53, 44.335, 47.666

 43, 44.335, 47.666

 33, 44.335, 47.666

 23, 44.335, 47.666

 13, 44.335, 47.666

 3, 44.335, 47.666

 0, 44.335, 47.666

 73, 44.335, 47.666

 73, 44.335, 47.666

69, 55.019, 47.623

77, 34.274, 47.855

65, 66.122, 47.672

82, 24.905, 48.169

62, 77.133, 47.670

87, 16.222, 48.590

59, 86.925, 47.235

92, 8.185, 49.075

56, 93.553, 46.190

97, 0.739, 48.924

99, 2.842, 199.458

# Harmonies

# Complementary

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



73, 44.335, 47.666



80, 31.227, 236.212

# Rectangle

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



73, 44.335, 47.666



73, 44.335, 97.666



73, 44.335, 227.666



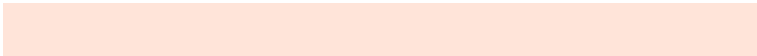
73, 44.335, 277.666

# Sweetspot

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



73, 44.333, 47.670



92, 11.598, 48.879



68, 63.756, 337.556



48, 7.978, 48.775



0, 0.000, 0.000



53, 0.007, 296.813



# Same Dimension

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



73, 44.333, 47.670



71, 56.472, 47.623



88, 51.583, 93.128



49, 4.160, 49.151



43, 75.215, 46.745



11, 26.267, 41.663





# Inverse Universe

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



80, 31.227, 236.212



80, 36.559, 238.692



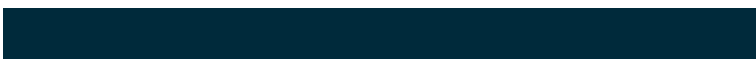
63, 55.184, 288.222



49, 3.946, 230.545



52, 37.834, 253.442



15, 16.024, 245.856



# Previews

## White Background



This preview shows how the CIELCh color 73, 44.335, 47.666 looks on a white background.

## Color Contrast Check

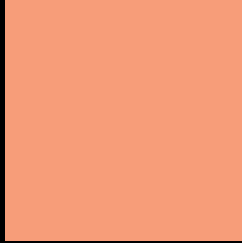
Large Text (above 18pt) WCAG AA × Fail

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 73, 44.335, 47.666 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 73, 44.335, 47.666

## Background



This preview shows how black text looks on a background with the CIELCh color 73, 44.335, 47.666.

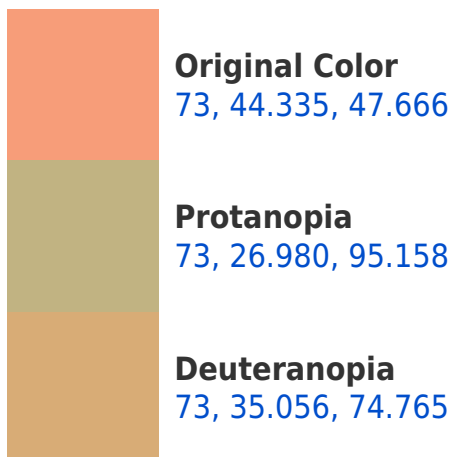


This preview shows how white text looks on a background with the CIELCh color 73, 44.335, 47.666.

# 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

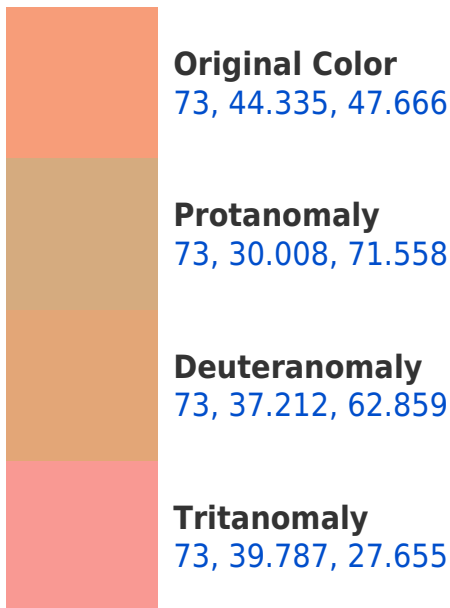




**Tritanopia**  
73, 39.682, 14.962



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 73, 44.335, 47.666 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(247, 157, 121)` looks like.

```
.text, #text, p{  
    color:rgb(247, 157, 121)  
}
```

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(247, 157, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 157, 121) }
```

## Border

The CSS property to change the border of an element to CIELCh 73, 44.335, 47.666 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(247, 157, 121) }
```

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

```
.border{ border-color:rgb(247, 157, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 157, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 157, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 157, 121);  
box-shadow:4px 4px 4px 4px rgb(247, 157,  
121) }
```

# Background

The CSS property to change the background color of an element to CIELCh 73, 44.335, 47.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 157, 121) }
```

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

```
.background{ background-color: rgb(247,  
157, 121) }
```

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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