

# Converting Colors

CIELCh(70, 37.194, 44.057)

Have a look what the booklet for  
CIELCh(70, 37.194, 44.057) contains.

<b>CIELCh(70, 37.194, 44.057)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	20
<b><i>Color Blindness Simulation</i></b> .....	23
<b><i>CSS Examples</i></b> .....	26

# Color

**CIELCh(70, 37.194, 44.057)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E7987E
RGB	231, 152, 126
RGB Percent	91%, 60%, 49%
CMY	0.0958, 0.4054, 0.5073
CMYK	0.00, 0.34, 0.46, 0.10
HSL	15°, 68%, 70%
HSV	15°, 46%, 90%
XYZ	47.7281, 40.7494, 24.9657
YIQ	172.6570, 55.4300, 8.6620

# Conversions

## Conversions Part 2

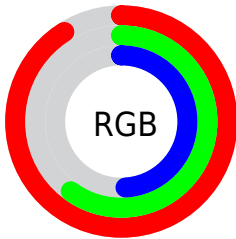
Format	Color
R <sub>Y</sub> B	231, 161, 126
Decimal	15177854
CIE Lab	70.00, 26.73, 25.86
CIE LCh	70, 37.194, 44.057
Yxy	40.7494, 0.4207, 0.3592
Android (android.graphics.Color)	4293367934 (0xFFE7987E)
YUV	172.6570, -23.0019, 51.1668
Hunter-Lab	63.8353, 21.7486, 21.4966

# Details

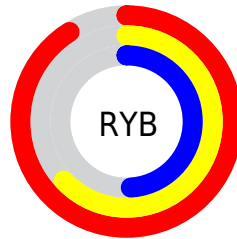
The CIELCh color **70, 37.194, 44.057** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78, 26.914, 229.372**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 24.116, 57.351**, and **50, 37.341, 43.496** is the 20% darker color. If you saturate the color by 10%, you get **66, 47.184, 44.232**, and if you desaturate by 10%, it is **74, 27.859, 44.065**.

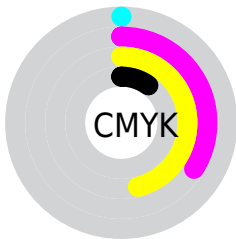
# Distribution



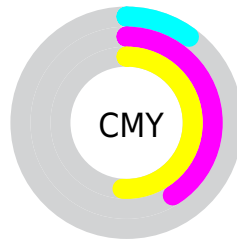
- Red (91%)
- Green (60%)
- Blue (49%)



- Red (91%)
- Yellow (63%)
- Blue (49%)



- Cyan (0%)
- Magenta (34%)
- Yellow (46%)
- Black (10%)



- Cyan (10%)
- Magenta (41%)
- Yellow (51%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 37.194, 44.057 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 70, 37.194, 44.057 by changing the saturation by 10% instead.



 70, 37.194, 44.057

 70, 37.194, 44.057

 100, 37.194,  
44.057

 60, 37.194, 44.057

 90, 37.194, 44.057

 50, 37.194, 44.057

 40, 37.194, 44.057

 30, 37.194, 44.057

 20, 37.194, 44.057

 10, 37.194, 44.057

 0, 37.194, 44.057

 70, 37.194, 44.057

 70, 37.194, 44.057

 66, 47.184, 44.232

 74, 27.859, 44.065

62, 57.720, 44.575

79, 19.206, 44.214

58, 68.507, 45.025

84, 11.211, 44.474

55, 78.858, 45.353

89, 3.826, 44.747

53, 87.334, 45.013

94, 3.005, 225.538

52, 90.456, 44.753

98, 8.329, 198.958

# Harmonies

# Complementary

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



70, 37.194, 44.057



78, 26.914, 229.372

# Rectangle

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



70, 37.194, 44.057



70, 37.194, 94.057



70, 37.194, 224.057



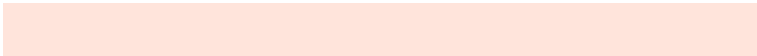
70, 37.194, 274.057

# Sweetspot

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



70, 37.192, 44.062



93, 10.916, 44.516



67, 56.260, 334.895



48, 7.602, 44.452



0, 0.000, 0.000



53, 0.007, 296.813



# Same Dimension

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



70, 37.192, 44.062



72, 50.685, 44.226



82, 41.878, 90.322



46, 3.991, 44.655



40, 74.241, 45.230



9, 22.969, 36.521





# Inverse Universe

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



78, 26.914, 229.372



83, 33.666, 231.162



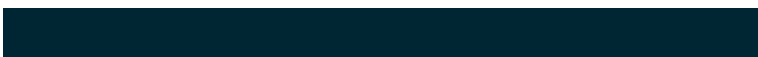
64, 43.226, 283.841



47, 3.774, 225.714



52, 34.895, 245.634



14, 14.178, 237.523



# Previews

## White Background



This preview shows how the CIELCh color 70, 37.194, 44.057 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 70, 37.194, 44.057 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 70, 37.194, 44.057

## Background



This preview shows how black text looks on a background with the CIELCh color 70, 37.194, 44.057.



This preview shows how white text looks on a background with the CIELCh color 70, 37.194, 44.057.

# 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

70, 37.194, 44.057

### Protanopia

70, 20.708, 94.366

### Deuteranopia

70, 28.380, 71.106



**Tritanopia**  
70, 34.688, 13.188



# Trichromacy



**Original Color**  
70, 37.194, 44.057

**Protanomaly**  
70, 23.702, 68.877

**Deuteranomaly**  
70, 30.749, 59.750

**Tritanomaly**  
70, 34.178, 25.362

# Monochromacy



**Original Color**  
70, 37.194, 44.057

**Achromatopsia**  
70, 0.009, 296.813

**Achromatomaly**  
70, 12.440, 46.098

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 70, 37.194, 44.057 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(231, 152, 126)` looks like.

```
.text, #text, p{  
    color:rgb(231, 152, 126)  
}
```

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(231, 152, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 152, 126) }
```

## Border

The CSS property to change the border of an element to CIELCh 70, 37.194, 44.057 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(231, 152, 126) }
```

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

```
.border{ border-color:rgb(231, 152, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 152, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 152, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 152, 126); box-shadow:4px 4px 4px 4px rgb(231, 152, 126) }
```

# Background

The CSS property to change the background color of an element to CIELCh 70, 37.194, 44.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 152, 126) }
```

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

```
.background{ background-color: rgb(231,  
152, 126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor