

Converting Colors

CIELCh(73, 39.155, 31.100)

Have a look what the booklet for
CIELCh(73, 39.155, 31.100) contains.

CIELCh(73, 38.837, 31.443)	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(73, 38.837, 31.443)

Conversions

Conversions Part 1

Format	Color
Hex	F79B90
RGB	247, 155, 144
RGB Percent	97%, 61%, 56%
CMY	0.0319, 0.3926, 0.4357
CMYK	0.00, 0.37, 0.42, 0.03
HSL	6°, 86%, 77%
HSV	6°, 42%, 97%
XYZ	55.0390, 45.1644, 32.1569
YIQ	181.2540, 58.3630, 16.0830

Conversions

Conversions Part 2

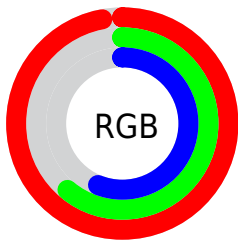
Format	Color
R _Y B	247, 156, 144
Decimal	16227216
CIE Lab	73.00, 33.13, 20.26
CIE LCh	73, 38.837, 31.443
Yxy	45.1644, 0.4158, 0.3412
Android (android.graphics.Color)	4294417296 (0xFFFF79B90)
YUV	181.2540, -18.3662, 57.6592
Hunter-Lab	67.2044, 28.5798, 18.6732

Details

The CIELCh color **73, 38.837, 31.443** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 28.323, 209.477**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 18.364, 40.274**, and **53, 38.696, 31.474** is the 20% darker color. If you saturate the color by 10%, you get **68, 49.988, 32.630**, and if you desaturate by 10%, it is **78, 28.359, 30.582**.

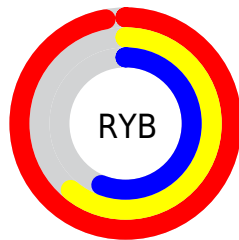
Distribution



Red (97%)

Green (61%)

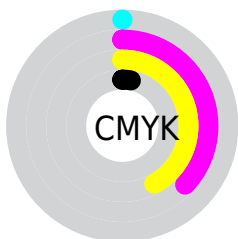
Blue (56%)



Red (97%)

Yellow (61%)

Blue (56%)

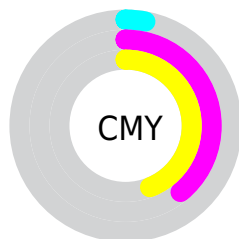


Cyan (0%)

Magenta (37%)

Yellow (42%)

Black (3%)



Cyan (3%)

Magenta (39%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 38.837, 31.443 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, 38.837, 31.443 by changing the saturation by 10% instead.

73, 38.837, 31.443

73, 38.837, 31.443

100, 38.837,
31.443

63, 38.837, 31.443

93, 38.837, 31.443

53, 38.837, 31.443

43, 38.837, 31.443

33, 38.837, 31.443

23, 38.837, 31.443

13, 38.837, 31.443

3, 38.837, 31.443

0, 38.837, 31.443

73, 38.837, 31.443

73, 38.837, 31.443

68, 49.988, 32.630

78, 28.359, 30.582

63, 61.660, 34.189

84, 18.625, 29.966

59, 73.541, 36.129

90, 9.636, 29.525

56, 85.032, 38.298

96, 1.353, 28.853

54, 94.819, 40.160

99, 2.815, 199.462

52, 100.368,
41.034

Harmonies

Complementary

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



73, 38.837, 31.443



88, 28.323, 209.477

Rectangle

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



73, 38.837, 31.443



73, 38.837, 81.443



73, 38.837, 211.443



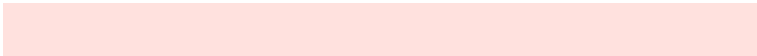
73, 38.837, 261.443

Sweetspot

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



73, 38.835, 31.447



92, 11.037, 29.576



73, 59.985, 329.723



48, 7.795, 29.666



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, 38.835, 31.447



71, 49.327, 32.413



85, 36.720, 79.823



48, 4.600, 29.439



40, 80.887, 41.284



9, 28.908, 30.710

Inverse Universe

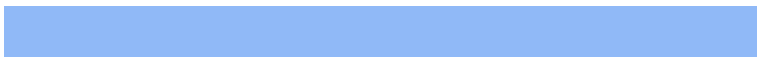
The Inverse Universe completely reimagines the original color for something new.



88, 28.323, 209.477



89, 33.324, 209.826



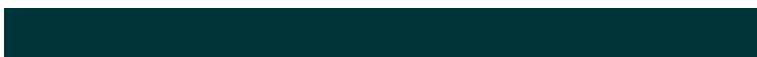
74, 35.009, 272.840



50, 4.324, 209.250



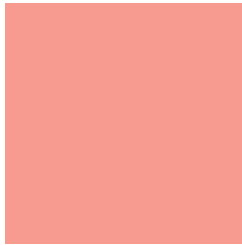
62, 35.059, 215.587



19, 15.755, 212.748

Previews

White Background



This preview shows how the CIELCh color 73, 38.837, 31.443 looks on a white background.

Color Contrast Check

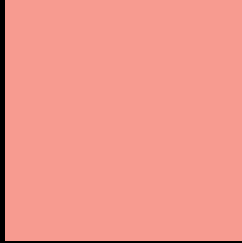
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 38.837, 31.443 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, 38.837, 31.443

Background



This preview shows how black text looks on a background with the CIELCh color 73, 38.837, 31.443.



This preview shows how white text looks on a background with the CIELCh color 73, 38.837, 31.443.

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

73, 38.837, 31.443

Protanopia

73, 12.914, 92.995

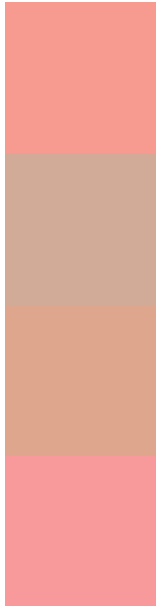
Deuteranopia

73, 23.171, 65.973



Tritanopia
73, 38.845, 14.672

Trichromacy



Original Color
73, 38.837, 31.443

Protanomaly
73, 18.675, 51.665

Deuteranomaly
73, 27.300, 49.103

Tritanomaly
73, 38.364, 20.752

Monochromacy



Original Color
73, 38.837, 31.443

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 13.085, 29.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 38.837, 31.443 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, 155, 144)` looks like.

```
.text, #text, p{  
    color:rgb(247, 155, 144)  
}
```

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, 155, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 155, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 38.837, 31.443 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, 155, 144) }
```

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

```
.border{ border-color:rgb(247, 155, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 155, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 155, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 155, 144);  
box-shadow:4px 4px 4px 4px rgb(247, 155,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 38.837, 31.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 155, 144) }
```

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

```
.background{ background-color: rgb(247,  
155, 144) }
```

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