

Converting Colors

CIELCh(73, 43.920, 51.239)

Have a look what the booklet for
CIELCh(73, 43.920, 51.239) contains.

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Color

CIELCh(73, 43.933, 51.460)

Conversions

Conversions Part 1

Format	Color
Hex	F49F76
RGB	244, 159, 118
RGB Percent	96%, 62%, 46%
CMY	0.0445, 0.3776, 0.5384
CMYK	0.00, 0.35, 0.52, 0.04
HSL	20°, 85%, 71%
HSV	20°, 52%, 96%
XYZ	52.7878, 45.1644, 22.9849
YIQ	179.7410, 63.8210, 5.2690

Conversions

Conversions Part 2

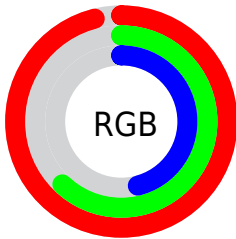
Format	Color
R_{YB}	244, 179, 118
Decimal	16031606
CIE _{Lab}	73.00, 27.37, 34.36
CIE _{LCh}	73, 43.933, 51.460
Yxy	45.1644, 0.4365, 0.3735
Android (android.graphics.Color)	4294221686 (0xFFFF49F76)
YUV	179.7410, -30.4383, 56.3551
Hunter-Lab	67.2044, 22.6006, 26.7651

Details

The CIELCh color **73, 43.933, 51.460** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **78, 31.733, 242.378**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 27.887, 72.500**, and **53, 43.681, 51.565** is the 20% darker color. If you saturate the color by 10%, you get **69, 54.303, 51.108**, and if you desaturate by 10%, it is **77, 34.132, 51.915**.

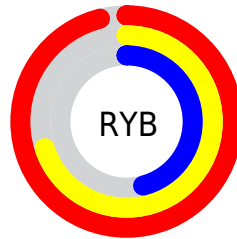
Distribution



Red (96%)

Green (62%)

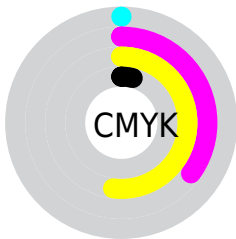
Blue (46%)



Red (96%)

Yellow (70%)

Blue (46%)

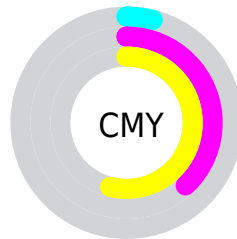


Cyan (0%)

Magenta (35%)

Yellow (52%)

Black (4%)



Cyan (4%)

Magenta (38%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 43.933, 51.460 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, 43.933, 51.460 by changing the saturation by 10% instead.

73, 43.933, 51.460

73, 43.933, 51.460

100, 43.933,
51.460

63, 43.933, 51.460

93, 43.933, 51.460

53, 43.933, 51.460

43, 43.933, 51.460

33, 43.933, 51.460

23, 43.933, 51.460

13, 43.933, 51.460

3, 43.933, 51.460

0, 43.933, 51.460

73, 43.933, 51.460

73, 43.933, 51.460

69, 54.303, 51.108

77, 34.132, 51.915

65, 65.029, 50.795

82, 24.975, 52.463

62, 75.575, 50.367

86, 16.459, 53.092

59, 84.814, 49.441

91, 8.547, 53.768

57, 90.671, 48.104

95, 1.188, 54.110

99, 3.917, 199.326

Harmonies

Complementary

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



73, 43.933, 51.460



78, 31.733, 242.378

Rectangle

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



73, 43.933, 51.460



73, 43.933, 101.460



73, 43.933, 231.460



73, 43.933, 281.460

Sweetspot

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



73, 43.932, 51.464



92, 12.335, 53.472



67, 62.445, 339.188



48, 8.392, 53.332



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, 43.932, 51.464



72, 56.714, 51.093



88, 53.099, 95.269



49, 4.138, 53.915



44, 73.628, 48.689



12, 25.770, 44.825

Inverse Universe

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



78, 31.733, 242.378



78, 37.865, 245.306



61, 57.813, 290.163



49, 3.943, 235.625



50, 40.346, 260.743



14, 16.740, 252.797

Previews

White Background



This preview shows how the CIELCh color 73, 43.933, 51.460 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, 43.933, 51.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

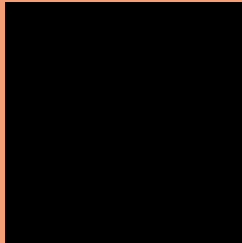
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 43.933, 51.460

Background



This preview shows how black text looks on a background with the CIELCh color 73, 43.933, 51.460.



This preview shows how white text looks on a background with the CIELCh color 73, 43.933, 51.460.

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](#).

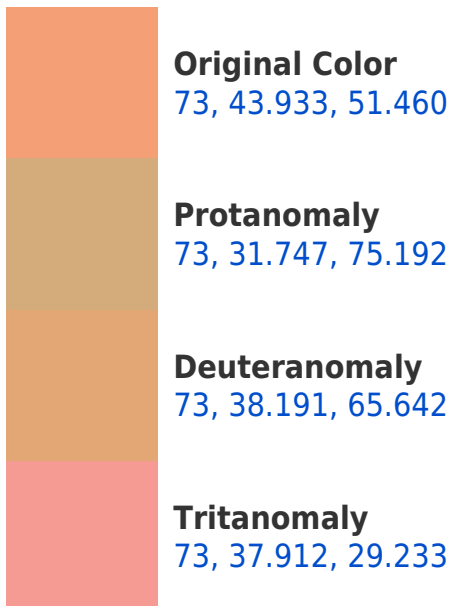
Dichromacy



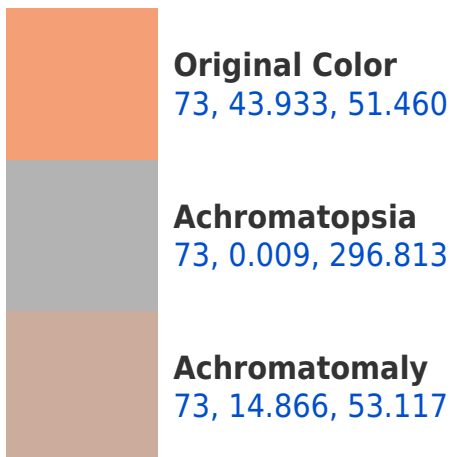


Tritanopia
73, 37.615, 14.236

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 43.933, 51.460 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(244, 159, 118)` looks like.

```
.text, #text, p{  
    color:rgb(244, 159, 118)  
}
```

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(244, 159, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 159, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 43.933, 51.460 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(244, 159, 118) }
```

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

```
.border{ border-color:rgb(244, 159, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 159, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 159, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 159, 118);  
box-shadow:4px 4px 4px 4px rgb(244, 159,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 43.933, 51.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 159, 118) }
```

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

```
.background{ background-color: rgb(244,  
159, 118) }
```

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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