

Converting Colors

CIELCh(80, 67.454, 37.567)

Have a look what the booklet for
CIELCh(80, 67.454, 37.567) contains.

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Color

CIELCh(73, 46.845, 41.939)

Conversions

Conversions Part 1

Format	Color
Hex	FE997C
RGB	254, 153, 124
RGB Percent	100%, 60%, 49%
CMY	0.0054, 0.4008, 0.5143
CMYK	0.00, 0.40, 0.51, 0.01
HSL	13°, 98%, 74%
HSV	13°, 51%, 99%
XYZ	55.7200, 45.1644, 24.7995
YIQ	179.8930, 69.5050, 12.3930

Conversions

Conversions Part 2

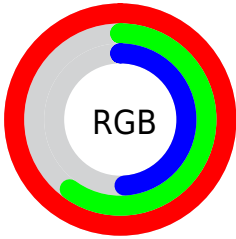
Format	Color
RYB	254, 161, 124
Decimal	16685436
CIELab	73.00, 34.85, 31.31
CIELCh	73, 46.845, 41.939
Yxy	45.1644, 0.4433, 0.3593
Android (android.graphics.Color)	4294875516 (0xFFFE997C)
YUV	179.8930, -27.5552, 64.9918
Hunter-Lab	67.2044, 30.3886, 25.1642

Details

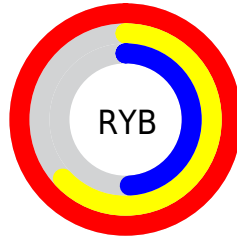
The CIELCh color **73, 46.845, 41.939** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **85, 31.845, 226.634**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 24.854, 60.506**, and **53, 46.899, 42.026** is the 20% darker color. If you saturate the color by 10%, you get **69, 58.157, 42.436**, and if you desaturate by 10%, it is **78, 36.189, 41.660**.

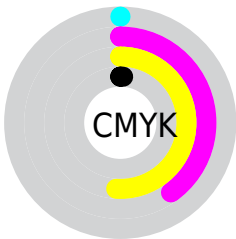
Distribution



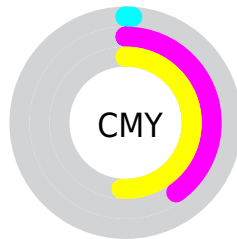
- Red (100%)
- Green (60%)
- Blue (49%)



- Red (100%)
- Yellow (63%)
- Blue (49%)



- Cyan (0%)
- Magenta (40%)
- Yellow (51%)
- Black (1%)



- Cyan (1%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 46.845, 41.939 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, 46.845, 41.939 by changing the saturation by 10% instead.

73, 46.845, 41.939

73, 46.845, 41.939

100, 46.845,
41.939

63, 46.845, 41.939

93, 46.845, 41.939

53, 46.845, 41.939

43, 46.845, 41.939

33, 46.845, 41.939

23, 46.845, 41.939

13, 46.845, 41.939

3, 46.845, 41.939

0, 46.845, 41.939

73, 46.845, 41.939

73, 46.845, 41.939

69, 58.157, 42.436

78, 36.189, 41.660

64, 69.901, 43.112

83, 26.277, 41.566

61, 81.529, 43.824

88, 17.114, 41.624

58, 91.817, 44.147

93, 8.663, 41.783

56, 98.498, 43.750

99, 0.867, 41.408

100, 0.479,
200.758

Harmonies

Complementary

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



73, 46.845, 41.939



85, 31.845, 226.634

Rectangle

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



73, 46.845, 41.939



73, 46.845, 91.939



73, 46.845, 221.939



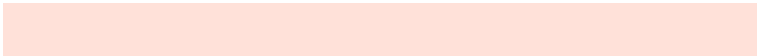
73, 46.845, 271.939

Sweetspot

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



73, 46.843, 41.943



92, 11.873, 41.715



70, 68.254, 334.666



48, 8.172, 41.680



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, 46.843, 41.943



69, 58.222, 42.427



88, 50.199, 88.253



50, 4.400, 41.812



42, 79.195, 44.192



12, 29.641, 38.540

Inverse Universe

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



85, 31.845, 226.634



83, 36.089, 228.492



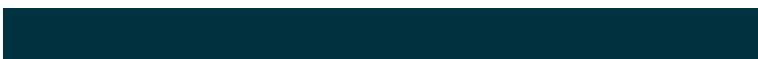
67, 51.744, 284.231



52, 4.150, 222.656



57, 35.932, 240.673



18, 16.255, 234.848

Previews

White Background



This preview shows how the CIELCh color 73, 46.845, 41.939 looks on a white background.

Color Contrast Check

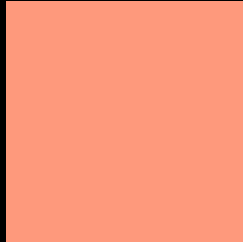
Large Text (above 18pt) WCAG AA × Fail

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, 46.845, 41.939 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, 46.845, 41.939

Background



This preview shows how black text looks on a background with the CIELCh color 73, 46.845, 41.939.



This preview shows how white text looks on a background with the CIELCh color 73, 46.845, 41.939.

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, 46.915, 41.946

Protanopia

73, 24.284, 95.135

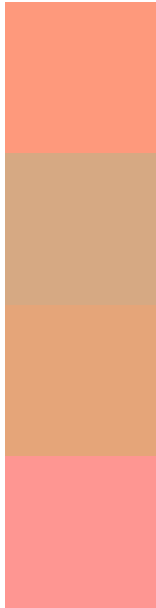
Deuteranopia

73, 33.882, 74.577



Tritanopia
73, 42.586, 16.604

Trichromacy



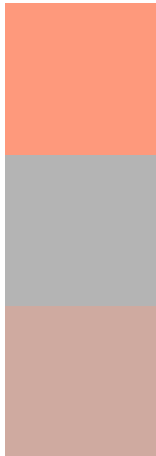
Original Color
73, 46.915, 41.946

Protanomaly
72, 28.307, 66.204

Deuteranomaly
73, 37.057, 60.039

Tritanomaly
73, 42.981, 26.309

Monochromacy



Original Color
73, 46.915, 41.946

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 15.736, 40.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 46.845, 41.939 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, 153, 124)` looks like.

```
.text, #text, p{  
    color:rgb(254, 153, 124)  
}
```

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, 153, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 153, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 46.845, 41.939 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, 153, 124) }
```

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

```
.border{ border-color:rgb(254, 153, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 153, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 153, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 153, 124); box-shadow:4px 4px 4px 4px rgb(254, 153, 124) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 46.845, 41.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 153, 124) }
```

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

```
.background{ background-color: rgb(254,  
153, 124) }
```

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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