

Converting Colors

CIELCh(80, 48.311, 39.936)

Have a look what the booklet for
CIELCh(80, 48.311, 39.936) contains.

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Color

CIELCh(77, 38.860, 43.421)

Conversions

Conversions Part 1

Format	Color
Hex	FEA98E
RGB	254, 169, 142
RGB Percent	100%, 66%, 56%
CMY	0.0033, 0.3363, 0.4420
CMYK	0.00, 0.33, 0.44, 0.00
HSL	14°, 99%, 78%
HSV	14°, 44%, 100%
XYZ	60.0709, 51.5317, 32.4806
YIQ	191.3370, 59.3270, 9.6230

Conversions

Conversions Part 2

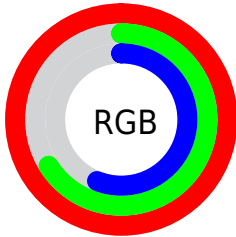
Format	Color
RYB	254, 178, 142
Decimal	16689550
CIELab	77.00, 28.22, 26.71
CIELCh	77, 38.860, 43.421
Yxy	51.5317, 0.4169, 0.3577
Android (android.graphics.Color)	4294879630 (0xFFFEA98E)
YUV	191.3370, -24.3231, 54.9555
Hunter-Lab	71.7856, 23.7458, 23.4232

Details

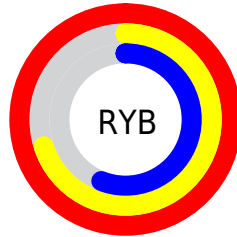
The CIELCh color **77, 38.860, 43.421** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86, 28.344, 228.207**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 18.942, 71.622**, and **57, 38.985, 42.850** is the 20% darker color. If you saturate the color by 10%, you get **72, 49.626, 43.626**, and if you desaturate by 10%, it is **82, 28.816, 43.405**.

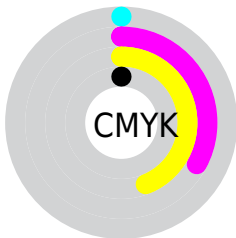
Distribution



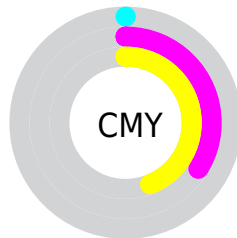
- Red (100%)
- Green (66%)
- Blue (56%)



- Red (100%)
- Yellow (70%)
- Blue (56%)



- Cyan (0%)
- Magenta (33%)
- Yellow (44%)
- Black (0%)



- Cyan (0%)
- Magenta (34%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 38.860, 43.421 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 77, 38.860, 43.421 by changing the saturation by 10% instead.

77, 38.860, 43.421

77, 38.860, 43.421

100, 38.860,
43.421

67, 38.860, 43.421

97, 38.860, 43.421

57, 38.860, 43.421

47, 38.860, 43.421

37, 38.860, 43.421

27, 38.860, 43.421

17, 38.860, 43.421

7, 38.860, 43.421

0, 38.860, 43.421

77, 38.860, 43.421

77, 38.860, 43.421

72, 49.626, 43.626

82, 28.816, 43.405

68, 61.009, 44.011

87, 19.518, 43.533

64, 72.717, 44.528

92, 10.934, 43.769

61, 84.062, 44.968

98, 3.011, 43.972

58, 93.561, 44.813

100, 0.290,
201.673

57, 97.857, 44.366

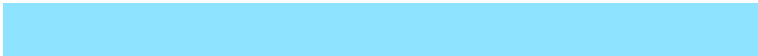
Harmonies

Complementary

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



77, 38.860, 43.421



86, 28.344, 228.207

Rectangle

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



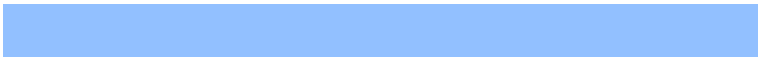
77, 38.860, 43.421



77, 38.860, 93.421



77, 38.860, 223.421



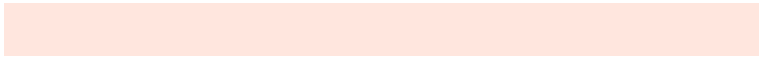
77, 38.860, 273.421

Sweetspot

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



77, 38.858, 43.426



93, 10.122, 43.797



74, 59.012, 334.798



49, 7.147, 43.738



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 38.858, 43.426



73, 48.626, 43.597



90, 43.833, 90.490



50, 4.364, 43.891



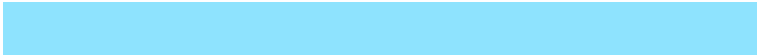
43, 78.535, 44.840



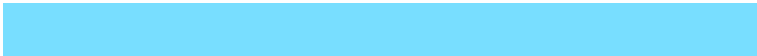
12, 29.377, 39.681

Inverse Universe

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



86, 28.344, 228.207



84, 32.772, 229.741



71, 45.170, 283.548



51, 4.122, 224.898



56, 36.526, 244.514



18, 16.399, 238.313

Previews

White Background



This preview shows how the CIELCh color 77, 38.860, 43.421 looks on a white background.

Color Contrast Check

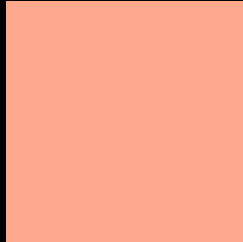
Large Text (above 18pt) WCAG AA × Fail

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 77, 38.860, 43.421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

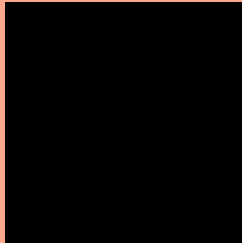
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 38.860, 43.421

Background



This preview shows how black text looks on a background with the CIELCh color 77, 38.860, 43.421.



This preview shows how white text looks on a background with the CIELCh color 77, 38.860, 43.421.

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
77, 35.569, 12.535

Trichromacy



Original Color
77, 38.915, 43.422

Protanomaly
77, 24.422, 67.705

Deuteranomaly
77, 31.697, 58.773

Tritanomaly
77, 35.426, 25.068

Monochromacy



Original Color
77, 38.915, 43.422

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 13.228, 43.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 38.860, 43.421 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, 169, 142)` looks like.

```
.text, #text, p{  
    color:rgb(254, 169, 142)  
}
```

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, 169, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 169, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 38.860, 43.421 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, 169, 142) }
```

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

```
.border{ border-color:rgb(254, 169, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 169, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 169, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 169, 142);  
box-shadow:4px 4px 4px 4px rgb(254, 169,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 38.860, 43.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 169, 142) }
```

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

```
.background{ background-color: rgb(254,  
169, 142) }
```

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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