

Converting Colors

CIELCh(90, 76.277, 32.441)

Have a look what the booklet for
CIELCh(90, 76.277, 32.441) contains.

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Color

CIELCh(77, 36.592, 37.145)

Conversions

Conversions Part 1

Format	Color
Hex	FEA997
RGB	254, 169, 151
RGB Percent	100%, 66%, 59%
CMY	0.0053, 0.3381, 0.4085
CMYK	0.00, 0.33, 0.41, 0.01
HSL	10°, 97%, 79%
HSV	10°, 41%, 99%
XYZ	60.4678, 51.5317, 35.9633
YIQ	192.3630, 56.4380, 12.4220

Conversions

Conversions Part 2

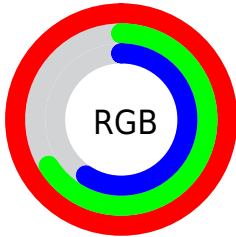
Format	Color
R _Y B	254, 173, 151
Decimal	16689559
CIE Lab	77.00, 29.17, 22.10
CIE LCh	77, 36.592, 37.145
Yxy	51.5317, 0.4087, 0.3483
Android (android.graphics.Color)	4294879639 (0xFFFEA997)
YUV	192.3630, -20.3920, 54.0556
Hunter-Lab	71.7856, 24.7327, 20.5467

Details

The CIELCh color **77, 36.592, 37.145** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 27.039, 218.325**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 15.375, 61.862**, and **57, 36.756, 37.066** is the 20% darker color. If you saturate the color by 10%, you get **72, 47.495, 37.787**, and if you desaturate by 10%, it is **82, 26.432, 36.749**.

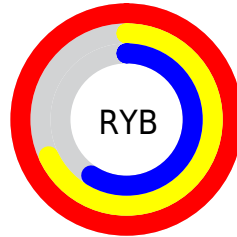
Distribution



Red (100%)

Green (66%)

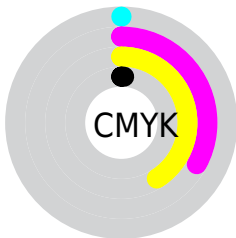
Blue (59%)



Red (100%)

Yellow (68%)

Blue (59%)

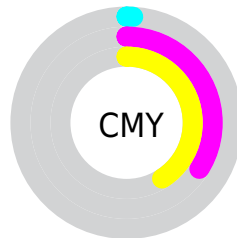


Cyan (0%)

Magenta (33%)

Yellow (41%)

Black (1%)



Cyan (1%)

Magenta (34%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 36.592, 37.145 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, 36.592, 37.145 by changing the saturation by 10% instead.

77, 36.592, 37.145

77, 36.592, 37.145

100, 36.592,
37.145

67, 36.592, 37.145

97, 36.592, 37.145

57, 36.592, 37.145

47, 36.592, 37.145

37, 36.592, 37.145

27, 36.592, 37.145

17, 36.592, 37.145

7, 36.592, 37.145

0, 36.592, 37.145

77, 36.592, 37.145

77, 36.592, 37.145

72, 47.495, 37.787

82, 26.432, 36.749

67, 59.047, 38.695

88, 17.039, 36.534

63, 71.005, 39.868

93, 8.383, 36.444

60, 82.833, 41.173

99, 0.410, 34.986

57, 93.329, 42.180

100, 0.467,
200.796

55, 100.434,
42.361

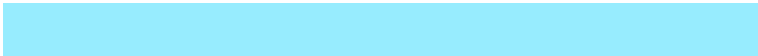
Harmonies

Complementary

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



77, 36.592, 37.145



89, 27.039, 218.325

Rectangle

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



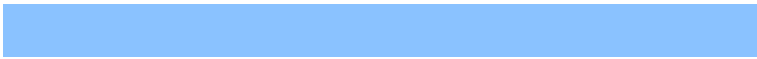
77, 36.592, 37.145



77, 36.592, 87.145



77, 36.592, 217.145



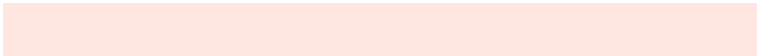
77, 36.592, 267.145

Sweetspot

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



77, 36.590, 37.150



93, 9.644, 36.453



76, 57.045, 331.966



49, 6.432, 36.462



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, 36.590, 37.150



73, 45.969, 37.673



89, 38.173, 85.768



50, 4.522, 36.437



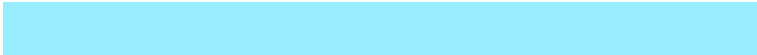
42, 80.801, 42.721



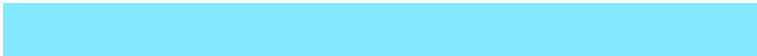
11, 30.351, 35.785

Inverse Universe

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



89, 27.039, 218.325



87, 31.449, 219.150



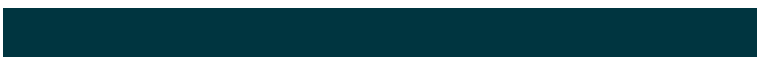
75, 37.907, 278.068



52, 4.255, 216.839



60, 35.102, 230.132



20, 16.141, 225.546

Previews

White Background



This preview shows how the CIELCh color 77, 36.592, 37.145 looks on a white background.

Color Contrast Check

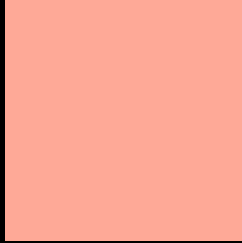
Large Text (above 18pt) WCAG AA × Fail

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, 36.592, 37.145 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, 36.592, 37.145

Background



This preview shows how black text looks on a background with the CIELCh color 77, 36.592, 37.145.



This preview shows how white text looks on a background with the CIELCh color 77, 36.592, 37.145.

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

77, 36.643, 37.153

Protanopia

77, 16.075, 93.081

Deuteranopia

77, 25.098, 67.729



Tritanopia
77, 35.587, 11.686

Trichromacy



Original Color
77, 36.643, 37.153

Protanomaly
77, 20.491, 60.647

Deuteranomaly
77, 28.112, 53.892

Tritanomaly
77, 35.421, 20.917

Monochromacy



Original Color
77, 36.643, 37.153

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 12.204, 38.015

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 36.592, 37.145 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(254, 169, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 169, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 36.592, 37.145 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, 151) }
```

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

```
.border{ border-color:rgb(254, 169, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 169, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 169, 151);  
box-shadow:4px 4px 4px 4px rgb(254, 169,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 36.592, 37.145 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, 151) }
```

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

```
.background{ background-color: rgb(254,  
169, 151) }
```

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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