

Converting Colors

CIELCh(80, 48.827, 38.647)

Have a look what the booklet for
CIELCh(80, 48.827, 38.647) contains.

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Color

CIELCh(77, 38.767, 41.913)

Conversions

Conversions Part 1

Format	Color
Hex	FFA990
RGB	255, 169, 144
RGB Percent	100%, 66%, 56%
CMY	0.0008, 0.3380, 0.4360
CMYK	0.00, 0.34, 0.44, 0.00
HSL	14°, 100%, 78%
HSV	14°, 44%, 100%
XYZ	60.3334, 51.5317, 33.0778
YIQ	191.8640, 59.2810, 10.4570

Conversions

Conversions Part 2

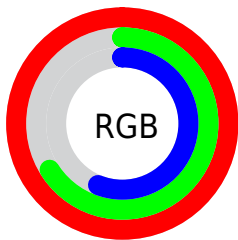
Format	Color
R _Y B	255, 176, 144
Decimal	16755088
CIE Lab	77.00, 28.85, 25.90
CIE LCh	77, 38.767, 41.913
Yxy	51.5317, 0.4163, 0.3555
Android (android.graphics.Color)	4294945168 (0xFFFFA990)
YUV	191.8640, -23.5970, 55.3703
Hunter-Lab	71.7856, 24.3983, 22.9299

Details

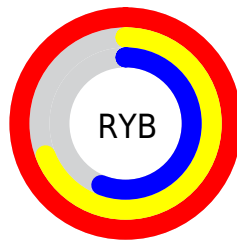
The CIELCh color **77, 38.767, 41.913** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 28.226, 225.820**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 18.107, 69.803**, and **57, 39.112, 41.988** is the 20% darker color. If you saturate the color by 10%, you get **72, 49.616, 42.233**, and if you desaturate by 10%, it is **82, 28.648, 41.796**.

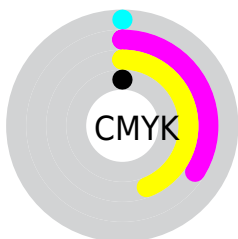
Distribution



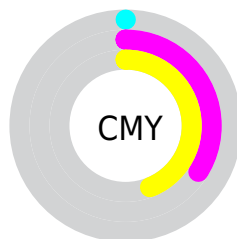
- Red (100%)
- Green (66%)
- Blue (56%)



- Red (100%)
- Yellow (69%)
- Blue (56%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 38.767, 41.913 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, 38.767, 41.913 by changing the saturation by 10% instead.

77, 38.767, 41.913

77, 38.767, 41.913

100, 38.767,
41.913

67, 38.767, 41.913

97, 38.767, 41.913

57, 38.767, 41.913

47, 38.767, 41.913

37, 38.767, 41.913

27, 38.767, 41.913

17, 38.767, 41.913

7, 38.767, 41.913

0, 38.767, 41.913

77, 38.767, 41.913

77, 38.767, 41.913

72, 49.616, 42.233

82, 28.648, 41.796

68, 61.092, 42.755

87, 19.285, 41.835

64, 72.908, 43.437

93, 10.646, 41.990

60, 84.394, 44.081

98, 2.679, 42.091

58, 94.092, 44.173

100, 0.074,
208.382

56, 98.752, 43.817

Harmonies

Complementary

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



77, 38.767, 41.913



87, 28.226, 225.820

Rectangle

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



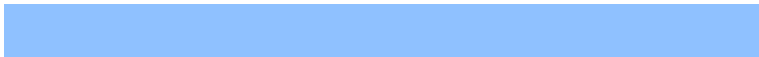
77, 38.767, 41.913



77, 38.767, 91.913



77, 38.767, 221.913



77, 38.767, 271.913

Sweetspot

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



77, 38.765, 41.918



93, 10.195, 42.000



74, 59.205, 334.088



48, 7.199, 41.959



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, 38.765, 41.918



73, 47.917, 42.171



90, 42.868, 89.305



50, 4.395, 42.066



43, 79.115, 44.268



12, 29.609, 38.677

Inverse Universe

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



87, 28.226, 225.820



85, 32.353, 227.116



72, 43.784, 282.346



52, 4.146, 222.930



57, 35.996, 241.149



18, 16.270, 235.276

Previews

White Background



This preview shows how the CIELCh color 77, 38.767, 41.913 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, 38.767, 41.913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

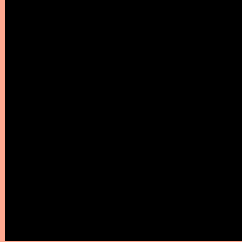
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 38.767, 41.913

Background



This preview shows how black text looks on a background with the CIELCh color 77, 38.767, 41.913.

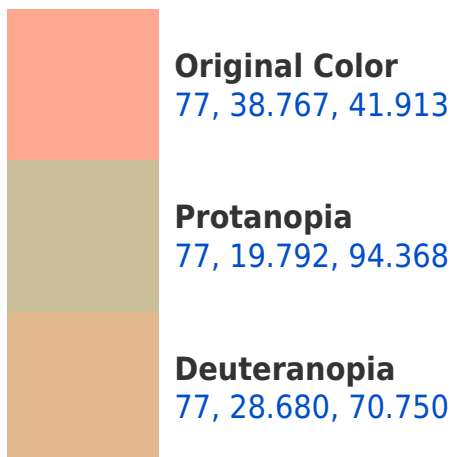


This preview shows how white text looks on a background with the CIELCh color 77, 38.767, 41.913.

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, 38.767, 41.913

Protanomaly
77, 23.583, 66.198

Deuteranomaly
77, 31.321, 58.117

Tritanomaly
77, 35.671, 23.436

Monochromacy



Original Color
77, 38.767, 41.913

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, 38.767, 41.913 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(255, 169, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 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(255, 169, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 38.767, 41.913 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(255, 169, 144) }
```

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

```
.border{ border-color:rgb(255, 169, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 169, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 169, 144); box-shadow:4px 4px 4px 4px rgb(255, 169, 144) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 38.767, 41.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 144) }
```

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

```
.background{ background-color: rgb(255,  
169, 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](#).

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