

Converting Colors

CIELCh(82, 55.214, 36.300)

Have a look what the booklet for
CIELCh(82, 55.214, 36.300) contains.

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Color

CIELCh(77, 38.503, 41.243)

Conversions

Conversions Part 1

Format	Color
Hex	FFA991
RGB	255, 169, 145
RGB Percent	100%, 66%, 57%
CMY	0.0011, 0.3382, 0.4323
CMYK	0.00, 0.34, 0.43, 0.00
HSL	13°, 100%, 78%
HSV	13°, 43%, 100%
XYZ	60.3765, 51.5317, 33.4580
YIQ	191.9780, 58.9600, 10.7680

Conversions

Conversions Part 2

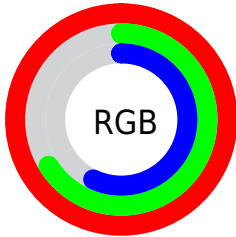
Format	Color
R _Y B	255, 176, 145
Decimal	16755089
CIE Lab	77.00, 28.95, 25.38
CIE LCh	77, 38.503, 41.243
Yxy	51.5317, 0.4153, 0.3545
Android (android.graphics.Color)	4294945169 (0xFFFFA991)
YUV	191.9780, -23.1602, 55.2703
Hunter-Lab	71.7856, 24.5056, 22.6159

Details

The CIELCh color **77, 38.503, 41.243** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 28.066, 224.745**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 17.697, 68.827**, and **57, 38.818, 41.302** is the 20% darker color. If you saturate the color by 10%, you get **72, 49.365, 41.610**, and if you desaturate by 10%, it is **82, 28.374, 41.085**.

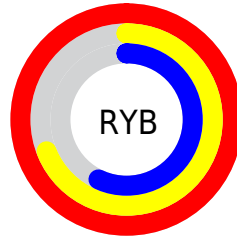
Distribution



Red (100%)

Green (66%)

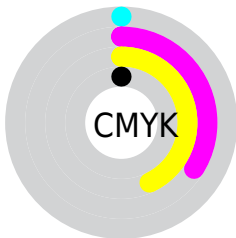
Blue (57%)



Red (100%)

Yellow (69%)

Blue (57%)

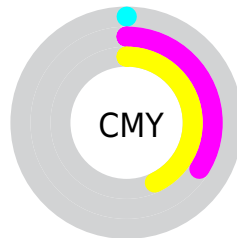


Cyan (0%)

Magenta (34%)

Yellow (43%)

Black (0%)



Cyan (0%)

Magenta (34%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 38.503, 41.243 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, 38.503, 41.243 by changing the saturation by 10% instead.

77, 38.503, 41.243

77, 38.503, 41.243

100, 38.503,
41.243

67, 38.503, 41.243

97, 38.503, 41.243

57, 38.503, 41.243

47, 38.503, 41.243

37, 38.503, 41.243

27, 38.503, 41.243

17, 38.503, 41.243

7, 38.503, 41.243

0, 38.503, 41.243

77, 38.503, 41.243

77, 38.503, 41.243

72, 49.365, 41.610

82, 28.374, 41.085

68, 60.860, 42.189

87, 19.004, 41.087

64, 72.706, 42.942

93, 10.361, 41.207

60, 84.254, 43.682

98, 2.392, 41.249

58, 94.076, 43.900

100, 0.093,
206.513

56, 99.040, 43.588

Harmonies

Complementary

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



77, 38.503, 41.243



87, 28.066, 224.745

Rectangle

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



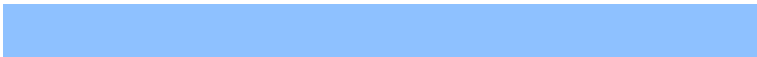
77, 38.503, 41.243



77, 38.503, 91.243



77, 38.503, 221.243



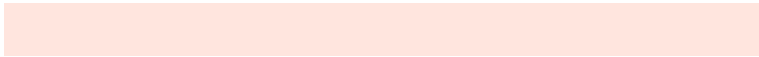
77, 38.503, 271.243

Sweetspot

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



77, 38.501, 41.248



93, 10.230, 41.209



74, 58.704, 334.059



48, 7.224, 41.176



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, 38.501, 41.248



73, 48.102, 41.557



90, 42.476, 89.358



50, 4.410, 41.263



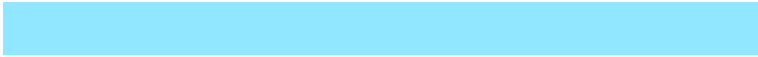
42, 79.367, 44.028



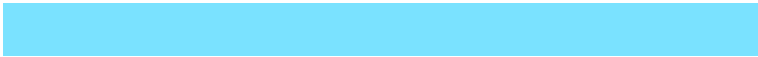
12, 29.712, 38.245

Inverse Universe

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



87, 28.066, 224.745



85, 32.386, 226.038



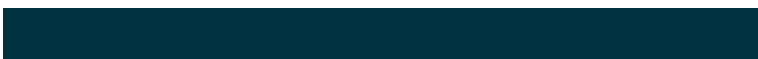
72, 43.368, 282.255



52, 4.159, 222.062



57, 35.799, 239.633



19, 16.226, 233.918

Previews

White Background



This preview shows how the CIELCh color 77, 38.503, 41.243 looks on a white background.

Color Contrast Check

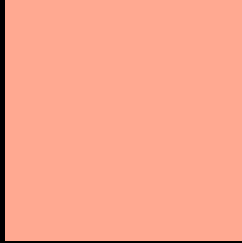
Large Text (above 18pt) WCAG AA × Fail

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, 38.503, 41.243 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, 38.503, 41.243

Background



This preview shows how black text looks on a background with the CIELCh color 77, 38.503, 41.243.



This preview shows how white text looks on a background with the CIELCh color 77, 38.503, 41.243.

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, 38.503, 41.243

Protanopia

77, 19.275, 94.059

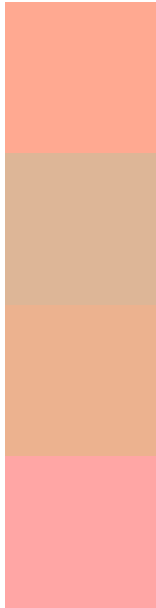
Deuteranopia

77, 28.240, 70.187



Tritanopia
77, 35.569, 12.535

Trichromacy



Original Color
77, 38.503, 41.243

Protanomaly
77, 23.170, 65.401

Deuteranomaly
77, 30.949, 57.443

Tritanomaly
77, 35.671, 23.436

Monochromacy



Original Color
77, 38.503, 41.243

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 12.993, 41.874

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 38.503, 41.243 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 38.503, 41.243 is called "border". The border property can be set on classes, ids or directly on the HTML element.

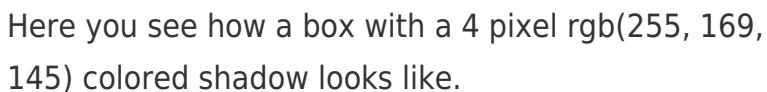
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 169, 145) }
```

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

```
.border{ border-color:rgb(255, 169, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 169, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 169, 145); box-shadow:4px 4px 4px 4px rgb(255, 169, 145) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 38.503, 41.243 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, 145) }
```

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

```
.background{ background-color: rgb(255,  
169, 145) }
```

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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