

Converting Colors

CIELCh(90, 81.350, 34.027)

Have a look what the booklet for
CIELCh(90, 81.350, 34.027) contains.

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Color

CIELCh(77, 39.158, 40.237)

Conversions

Conversions Part 1

Format	Color
Hex	FFA891
RGB	255, 168, 145
RGB Percent	100%, 66%, 57%
CMY	0.0000, 0.3411, 0.4314
CMYK	0.00, 0.34, 0.43, 0.00
HSL	13°, 100%, 78%
HSV	13°, 43%, 100%
XYZ	60.7740, 51.5317, 33.5244
YIQ	191.3910, 59.2350, 11.2910

Conversions

Conversions Part 2

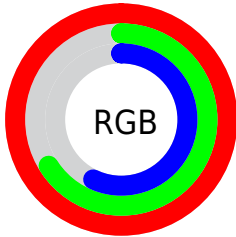
Format	Color
R _Y B	255, 174, 145
Decimal	16754833
CIE Lab	77.00, 29.89, 25.29
CIE LCh	77, 39.158, 40.237
Yxy	51.5317, 0.4167, 0.3534
Android (android.graphics.Color)	4294944913 (0xFFFFA891)
YUV	191.3910, -22.8708, 55.7851
Hunter-Lab	71.7856, 25.4940, 22.5611

Details

The CIELCh color **77, 39.158, 40.237** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 28.145, 223.474**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 17.573, 66.860**, and **57, 39.035, 40.455** is the 20% darker color. If you saturate the color by 10%, you get **72, 49.625, 40.861**, and if you desaturate by 10%, it is **82, 28.514, 40.208**.

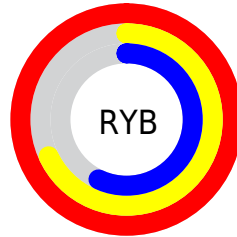
Distribution



Red (100%)

Green (66%)

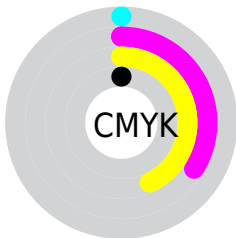
Blue (57%)



Red (100%)

Yellow (68%)

Blue (57%)

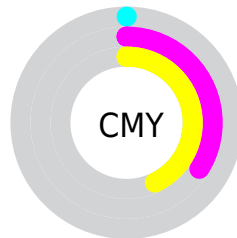


Cyan (0%)

Magenta (34%)

Yellow (43%)

Black (0%)



Cyan (0%)

Magenta (34%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 39.158, 40.237 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, 39.158, 40.237 by changing the saturation by 10% instead.

 77, 39.158, 40.237

 77, 39.158, 40.237

 100, 39.158,
40.237

 67, 39.158, 40.237

 97, 39.158, 40.237

 57, 39.158, 40.237

 47, 39.158, 40.237

 37, 39.158, 40.237

 27, 39.158, 40.237

 17, 39.158, 40.237

 7, 39.158, 40.237

 0, 39.158, 40.237

 77, 39.158, 40.237

 77, 39.158, 40.237

72, 49.625, 40.861

82, 28.514, 40.208

68, 61.178, 41.520

87, 19.089, 40.158

64, 73.077, 42.368

93, 10.397, 40.230

60, 84.672, 43.216

98, 2.385, 40.227

57, 94.523, 43.552

100, 0.012,
296.813

56, 99.493, 43.313

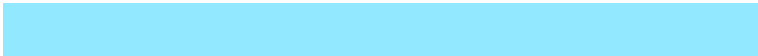
Harmonies

Complementary

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



77, 39.158, 40.237



87, 28.145, 223.474

Rectangle

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



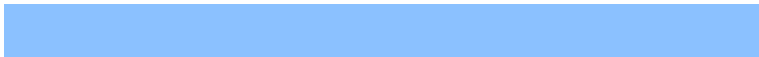
77, 39.158, 40.237



77, 39.158, 90.237



77, 39.158, 220.237



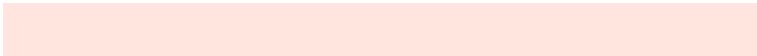
77, 39.158, 270.237

Sweetspot

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



77, 38.700, 40.430



93, 10.277, 40.231



74, 59.388, 333.401



48, 7.258, 40.208



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, 38.700, 40.430



73, 48.340, 40.801



90, 41.929, 88.077



50, 4.430, 40.269



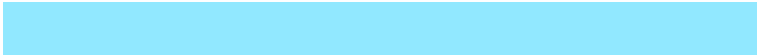
42, 79.673, 43.739



12, 29.841, 37.720

Inverse Universe

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



87, 28.145, 223.474



85, 32.442, 224.699



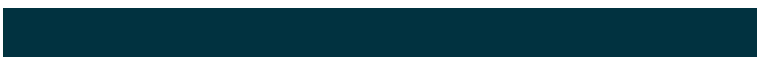
73, 42.438, 281.110



52, 4.175, 220.988



58, 35.585, 237.730



19, 16.183, 232.223

Previews

White Background



This preview shows how the CIELCh color 77, 39.158, 40.237 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 CIE LCh color 77, 39.158, 40.237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

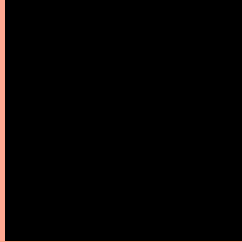
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 39.158, 40.237

Background



This preview shows how black text looks on a background with the CIELCh color 77, 39.158, 40.237.

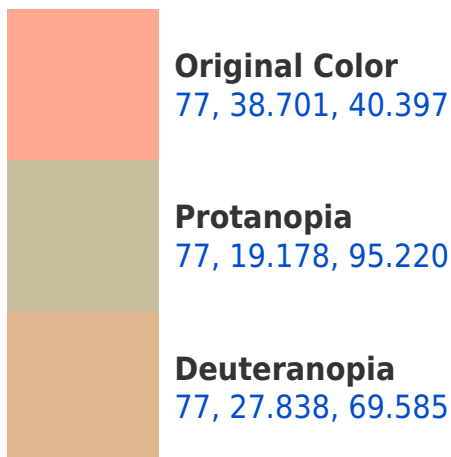


This preview shows how white text looks on a background with the CIELCh color 77, 39.158, 40.237.

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, 38.701, 40.397

Protanomaly
77, 23.170, 65.401

Deuteranomaly
77, 30.623, 56.740

Tritanomaly
77, 35.671, 23.436

Monochromacy



Original Color
77, 38.701, 40.397

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 13.009, 41.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 39.158, 40.237 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, 168, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 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, 168, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 39.158, 40.237 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, 168, 145) }
```

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

```
.border{ border-color:rgb(255, 168, 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, 168, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 39.158, 40.237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 145) }
```

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

```
.background{ background-color: rgb(255,  
168, 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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