

Converting Colors

CIELCh(82, 54.885, 35.773)

Have a look what the booklet for
CIELCh(82, 54.885, 35.773) contains.

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Color

CIELCh(77, 38.245, 40.563)

Conversions

Conversions Part 1

Format	Color
Hex	FFA992
RGB	255, 169, 146
RGB Percent	100%, 66%, 57%
CMY	0.0013, 0.3384, 0.4286
CMYK	0.00, 0.34, 0.43, 0.00
HSL	13°, 99%, 79%
HSV	13°, 43%, 100%
XYZ	60.4200, 51.5317, 33.8411
YIQ	192.0920, 58.6390, 11.0790

Conversions

Conversions Part 2

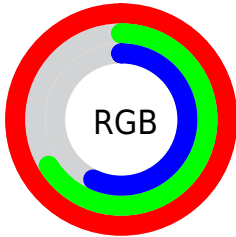
Format	Color
R _Y B	255, 175, 146
Decimal	16755090
CIE Lab	77.00, 29.05, 24.87
CIE LCh	77, 38.245, 40.563
Yxy	51.5317, 0.4144, 0.3535
Android (android.graphics.Color)	4294945170 (0xFFFFA992)
YUV	192.0920, -22.7234, 55.1703
Hunter-Lab	71.7856, 24.6137, 22.2995

Details

The CIELCh color **77, 38.245, 40.563** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 27.914, 223.661**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 17.293, 67.803**, and **57, 38.530, 40.605** is the 20% darker color. If you saturate the color by 10%, you get **72, 49.121, 40.978**, and if you desaturate by 10%, it is **82, 28.105, 40.364**.

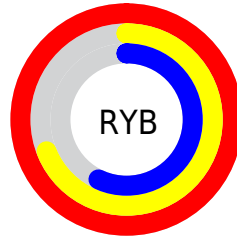
Distribution



Red (100%)

Green (66%)

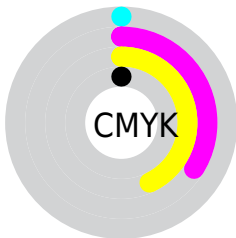
Blue (57%)



Red (100%)

Yellow (69%)

Blue (57%)

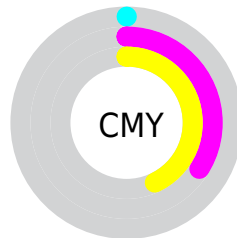


Cyan (0%)

Magenta (34%)

Yellow (43%)

Black (0%)



Cyan (0%)

Magenta (34%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 38.245, 40.563 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, 38.245, 40.563 by changing the saturation by 10% instead.

 77, 38.245, 40.563

 77, 38.245, 40.563

 100, 38.245,
40.563

 67, 38.245, 40.563

 97, 38.245, 40.563

 57, 38.245, 40.563

 47, 38.245, 40.563

 37, 38.245, 40.563

 27, 38.245, 40.563

 17, 38.245, 40.563

 7, 38.245, 40.563

 0, 38.245, 40.563

 77, 38.245, 40.563

 77, 38.245, 40.563

72, 49.121, 40.978

82, 28.105, 40.364

68, 60.634, 41.614

87, 18.726, 40.328

64, 72.509, 42.440

93, 10.077, 40.412

60, 84.116, 43.275

98, 2.104, 40.387

57, 94.056, 43.622

100, 0.113,
205.280

56, 99.327, 43.364

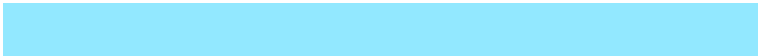
Harmonies

Complementary

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



77, 38.245, 40.563



87, 27.914, 223.661

Rectangle

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



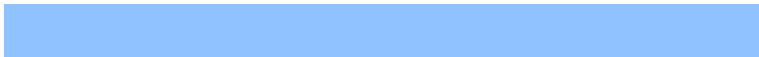
77, 38.245, 40.563



77, 38.245, 90.563



77, 38.245, 220.563



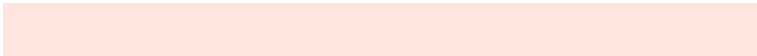
77, 38.245, 270.563

Sweetspot

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



77, 38.243, 40.568



93, 10.268, 40.410



75, 58.862, 333.375



48, 7.251, 40.385



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, 38.243, 40.568



73, 47.181, 40.889



90, 41.528, 88.128



50, 4.426, 40.450



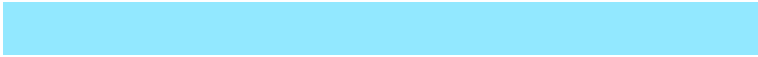
42, 79.617, 43.791



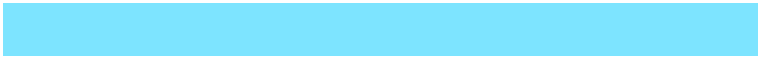
12, 29.818, 37.815

Inverse Universe

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



87, 27.914, 223.661



85, 31.977, 224.788



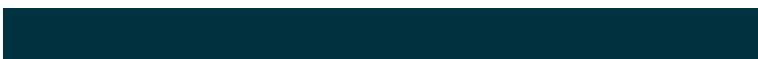
73, 42.022, 281.024



52, 4.172, 221.184



58, 35.621, 238.079



19, 16.190, 232.533

Previews

White Background



This preview shows how the CIELCh color 77, 38.245, 40.563 looks on a white background.

Color Contrast Check

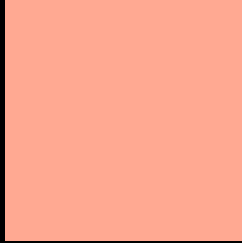
Large Text (above 18pt) WCAG AA × Fail

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, 38.245, 40.563 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, 38.245, 40.563

Background



This preview shows how black text looks on a background with the CIELCh color 77, 38.245, 40.563.

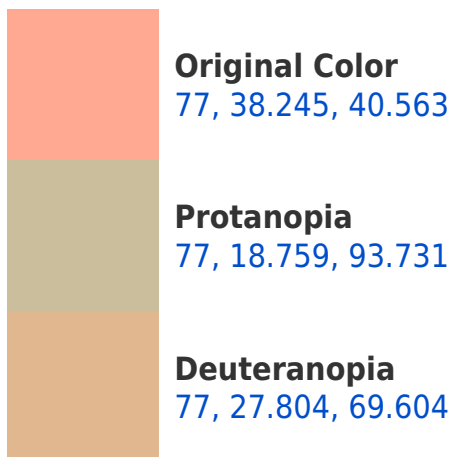


This preview shows how white text looks on a background with the CIELCh color 77, 38.245, 40.563.

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](#).

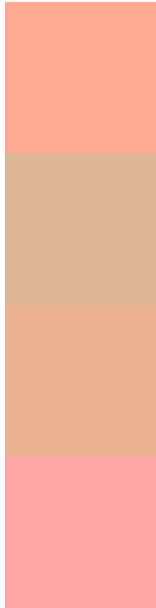
Dichromacy





Tritanopia
77, 35.569, 12.535

Trichromacy



Original Color
77, 38.245, 40.563

Protanomaly
77, 22.762, 64.573

Deuteranomaly
77, 30.582, 56.752

Tritanomaly
77, 35.579, 22.601

Monochromacy



Original Color
77, 38.245, 40.563

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, 38.245, 40.563 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 38.245, 40.563 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, 146) }
```

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

```
.border{ border-color:rgb(255, 169, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 38.245, 40.563 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, 146) }
```

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

```
.background{ background-color: rgb(255,  
169, 146) }
```

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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