

Converting Colors

CIELCh(80, 49.611, 32.822)

Have a look what the booklet for
CIELCh(80, 49.611, 32.822) contains.

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Color

CIELCh(77, 37.786, 34.480)

Conversions

Conversions Part 1

Format	Color
Hex	FFA798
RGB	255, 167, 152
RGB Percent	100%, 65%, 60%
CMY	0.0000, 0.3441, 0.4031
CMYK	0.00, 0.34, 0.40, 0.00
HSL	9°, 100%, 80%
HSV	9°, 40%, 100%
XYZ	61.3069, 51.5317, 36.5156
YIQ	191.6020, 57.2630, 13.9910

Conversions

Conversions Part 2

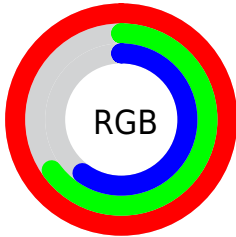
Format	Color
R _Y B	255, 170, 152
Decimal	16754584
CIE Lab	77.00, 31.15, 21.39
CIE LCh	77, 37.786, 34.480
Yxy	51.5317, 0.4105, 0.3450
Android (android.graphics.Color)	4294944664 (0xFFFFA798)
YUV	191.6020, -19.5238, 55.6000
Hunter-Lab	71.7856, 26.8192, 20.0906

Details

The CIELCh color **77, 37.786, 34.480** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **90, 27.474, 214.493**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 14.973, 55.751**, and **57, 37.479, 34.462** is the 20% darker color. If you saturate the color by 10%, you get **72, 48.327, 35.475**, and if you desaturate by 10%, it is **82, 26.840, 34.050**.

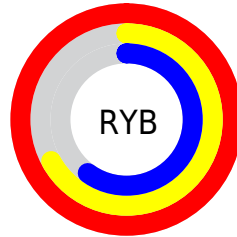
Distribution



Red (100%)

Green (65%)

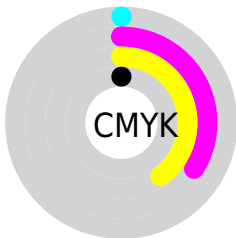
Blue (60%)



Red (100%)

Yellow (67%)

Blue (60%)

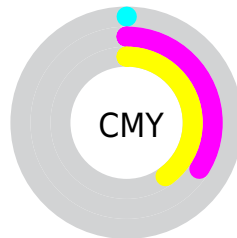


Cyan (0%)

Magenta (34%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (34%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 37.786, 34.480 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, 37.786, 34.480 by changing the saturation by 10% instead.

77, 37.786, 34.480

77, 37.786, 34.480

100, 37.786,
34.480

67, 37.786, 34.480

97, 37.786, 34.480

57, 37.786, 34.480

47, 37.786, 34.480

37, 37.786, 34.480

27, 37.786, 34.480

17, 37.786, 34.480

7, 37.786, 34.480

0, 37.786, 34.480

77, 37.786, 34.480

77, 37.786, 34.480

72, 48.327, 35.475

82, 26.840, 34.050

67, 60.066, 36.631

88, 17.238, 33.677

63, 72.171, 38.102

94, 8.387, 33.445

59, 84.100, 39.762

100, 0.238, 30.662

56, 94.647, 41.169

100, 0.012,
296.813

55, 101.804,
41.713

Harmonies

Complementary

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



77, 37.786, 34.480



90, 27.474, 214.493

Rectangle

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



77, 37.786, 34.480



77, 37.786, 84.480



77, 37.786, 214.480



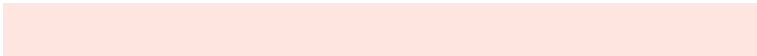
77, 37.786, 264.480

Sweetspot

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



77, 37.213, 34.630



93, 9.836, 33.479



76, 58.280, 330.768



49, 6.560, 33.506



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, 37.213, 34.630



73, 45.703, 35.254



89, 37.186, 82.979



50, 4.612, 33.428



41, 81.615, 42.028



11, 30.762, 34.360

Inverse Universe

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



90, 27.474, 214.493



88, 31.456, 215.039



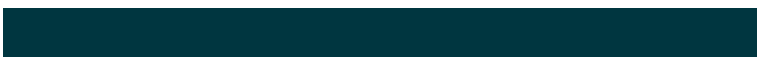
76, 36.237, 275.376



52, 4.336, 213.576



62, 35.129, 223.952



20, 16.253, 220.191

Previews

White Background



This preview shows how the CIELCh color 77, 37.786, 34.480 looks on a white background.

Color Contrast Check

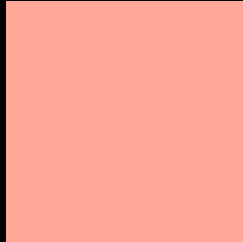
Large Text (above 18pt) WCAG AA × Fail

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, 37.786, 34.480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

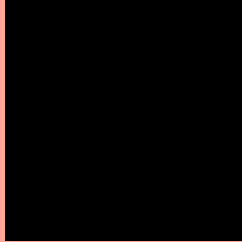
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 37.786, 34.480

Background



This preview shows how black text looks on a background with the CIELCh color 77, 37.786, 34.480.

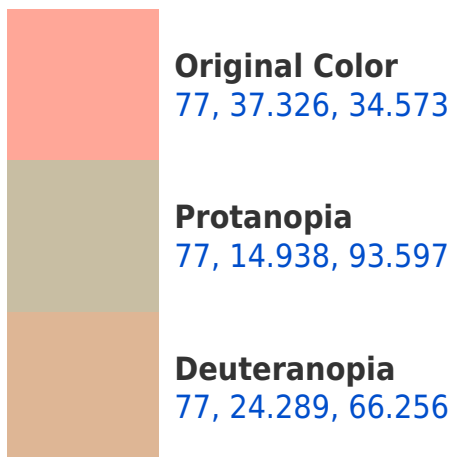


This preview shows how white text looks on a background with the CIELCh color 77, 37.786, 34.480.

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, 37.326, 34.573

Protanomaly
77, 19.747, 58.513

Deuteranomaly
77, 27.837, 51.793

Tritanomaly
77, 35.421, 20.917

Monochromacy



Original Color
77, 37.326, 34.573

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 12.652, 32.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 37.786, 34.480 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, 167, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 152)  
}
```

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, 167, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 37.786, 34.480 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, 167, 152) }
```

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

```
.border{ border-color:rgb(255, 167, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 37.786, 34.480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 152) }
```

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

```
.background{ background-color: rgb(255,  
167, 152) }
```

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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