

Converting Colors

CIELCh(79, 35.311, 40.835)

Have a look what the booklet for
CIELCh(79, 35.311, 40.835) contains.

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Color

CIELCh(79, 34.847, 41.130)

Conversions

Conversions Part 1

Format	Color
Hex	FFB09A
RGB	255, 176, 154
RGB Percent	100%, 69%, 60%
CMY	0.0000, 0.3080, 0.3944
CMYK	0.00, 0.31, 0.39, 0.00
HSL	13°, 100%, 80%
HSV	13°, 39%, 100%
XYZ	62.9044, 54.9284, 38.0489
YIQ	197.1130, 54.1460, 9.9060

Conversions

Conversions Part 2

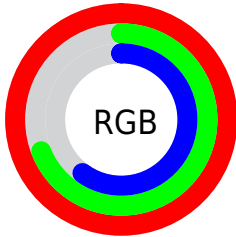
Format	Color
R _Y B	255, 182, 154
Decimal	16756890
CIE Lab	79.00, 26.25, 22.92
CIE LCh	79, 34.847, 41.130
Yxy	54.9284, 0.4035, 0.3524
Android (android.graphics.Color)	4294946970 (0xFFFFB09A)
YUV	197.1130, -21.2547, 50.7669
Hunter-Lab	74.1137, 21.8040, 21.4409

Details

The CIELCh color **79, 34.847, 41.130** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 26.088, 224.391**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 15.081, 74.227**, and **59, 34.770, 41.065** is the 20% darker color. If you saturate the color by 10%, you get **74, 45.250, 41.515**, and if you desaturate by 10%, it is **84, 24.802, 41.144**.

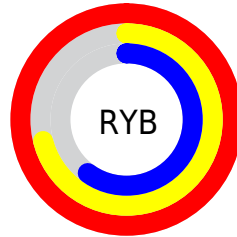
Distribution



Red (100%)

Green (69%)

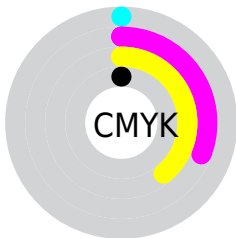
Blue (60%)



Red (100%)

Yellow (71%)

Blue (60%)

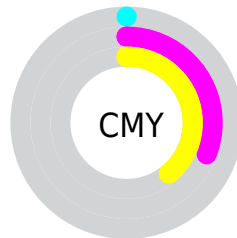


Cyan (0%)

Magenta (31%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 34.847, 41.130 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 79, 34.847, 41.130 by changing the saturation by 10% instead.

 79, 34.847, 41.130

 79, 34.847, 41.130

 100, 34.847,
41.130

 69, 34.847, 41.130

 99, 34.847, 41.130

 59, 34.847, 41.130

 49, 34.847, 41.130

 39, 34.847, 41.130

 29, 34.847, 41.130

 19, 34.847, 41.130

 9, 34.847, 41.130

 0, 34.847, 41.130

 79, 34.847, 41.130

 79, 34.847, 41.130

74, 45.250, 41.515

84, 24.802, 41.144

69, 56.536, 42.007

89, 15.704, 41.201

65, 68.306, 42.699

95, 7.315, 41.347

62, 80.087, 43.473

100, 0.012,
296.813

59, 90.795, 43.963

56, 98.690, 43.617

56, 99.090, 43.610

Harmonies

Complementary

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



79, 34.847, 41.130



88, 26.088, 224.391

Rectangle

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



79, 34.847, 41.130



79, 34.847, 91.130



79, 34.847, 221.130



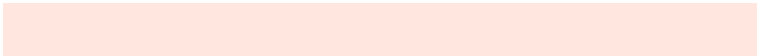
79, 34.847, 271.130

Sweetspot

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



79, 34.650, 41.236



93, 9.401, 41.307



76, 53.941, 333.783



49, 6.269, 41.286



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 34.650, 41.236



75, 42.600, 41.428



91, 38.792, 89.866



50, 4.408, 41.346



42, 79.341, 44.052



12, 29.701, 38.289

Inverse Universe

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



88, 26.088, 224.391



86, 30.025, 225.376



75, 39.473, 281.410



52, 4.157, 222.152



57, 35.818, 239.791



18, 16.230, 234.059

Previews

White Background



This preview shows how the CIELCh color 79, 34.847, 41.130 looks on a white background.

Color Contrast Check

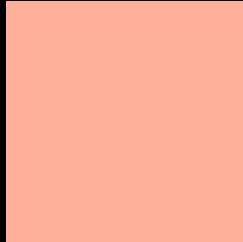
Large Text (above 18pt) WCAG AA × Fail

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 79, 34.847, 41.130 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 79, 34.847, 41.130

Background



This preview shows how black text looks on a background with the CIELCh color 79, 34.847, 41.130.



This preview shows how white text looks on a background with the CIELCh color 79, 34.847, 41.130.

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

79, 34.847, 41.130

Protanopia

79, 17.641, 93.071

Deuteranopia

79, 25.650, 67.815



Tritanopia
79, 32.226, 10.110

Trichromacy



Original Color
79, 34.847, 41.130

Protanomaly
79, 20.910, 65.156

Deuteranomaly
79, 27.896, 56.480

Tritanomaly
79, 31.942, 21.241

Monochromacy



Original Color
79, 34.847, 41.130

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 11.581, 41.600

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 34.847, 41.130 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, 176, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 154)  
}
```

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, 176, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 34.847, 41.130 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, 176, 154) }
```

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

```
.border{ border-color:rgb(255, 176, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 34.847, 41.130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 154) }
```

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

```
.background{ background-color: rgb(255,  
176, 154) }
```

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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