

Converting Colors

CIELCh(79, 37.135, 46.952)

Have a look what the booklet for
CIELCh(79, 37.135, 46.952) contains.

CIELCh(79, 36.631, 47.019)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(79, 36.631, 47.019)

Conversions

Conversions Part 1

Format	Color
Hex	FFB193
RGB	255, 177, 147
RGB Percent	100%, 69%, 58%
CMY	0.0000, 0.3051, 0.4228
CMYK	0.00, 0.31, 0.42, 0.00
HSL	17°, 100%, 79%
HSV	17°, 42%, 100%
XYZ	62.3543, 54.9284, 34.9929
YIQ	196.9020, 56.1180, 7.2060

Conversions

Conversions Part 2

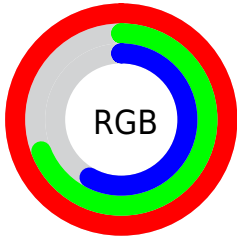
Format	Color
R _Y B	255, 189, 147
Decimal	16757139
CIE Lab	79.00, 24.97, 26.80
CIE LCh	79, 36.631, 47.019
Yxy	54.9284, 0.4095, 0.3607
Android (android.graphics.Color)	4294947219 (0xFFFFB193)
YUV	196.9020, -24.6017, 50.9519
Hunter-Lab	74.1137, 20.4790, 23.8857

Details

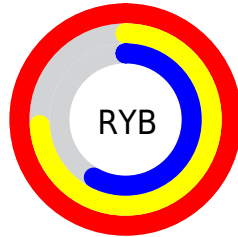
The CIELCh color **79, 36.631, 47.019** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86, 27.503, 233.406**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 18.458, 81.962**, and **59, 36.736, 47.132** is the 20% darker color. If you saturate the color by 10%, you get **74, 47.013, 46.966**, and if you desaturate by 10%, it is **84, 26.803, 47.329**.

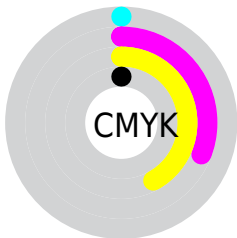
Distribution



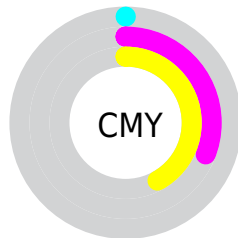
- Red (100%)
- Green (69%)
- Blue (58%)



- Red (100%)
- Yellow (74%)
- Blue (58%)



- Cyan (0%)
- Magenta (31%)
- Yellow (42%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 36.631, 47.019 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, 36.631, 47.019 by changing the saturation by 10% instead.

79, 36.631, 47.019

79, 36.631, 47.019

100, 36.631,
47.019

69, 36.631, 47.019

99, 36.631, 47.019

59, 36.631, 47.019

49, 36.631, 47.019

39, 36.631, 47.019

29, 36.631, 47.019

19, 36.631, 47.019

9, 36.631, 47.019

0, 36.631, 47.019

79, 36.631, 47.019

79, 36.631, 47.019

74, 47.013, 46.966

84, 26.803, 47.329

70, 58.106, 46.997

89, 17.769, 47.697

66, 69.587, 47.124

94, 9.414, 48.141

63, 80.864, 47.175

99, 1.680, 48.385

60, 90.655, 46.717

100, 0.012,
296.813

58, 96.331, 45.817

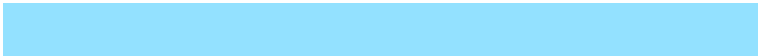
Harmonies

Complementary

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



79, 36.631, 47.019



86, 27.503, 233.406

Rectangle

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



79, 36.631, 47.019



79, 36.631, 97.019



79, 36.631, 227.019



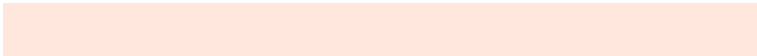
79, 36.631, 277.019

Sweetspot

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



79, 36.552, 47.078



93, 9.992, 48.108



75, 55.717, 336.058



49, 7.053, 48.007



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, 36.552, 47.078



75, 45.634, 46.972



92, 43.409, 93.104



50, 4.310, 48.267



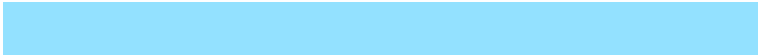
44, 77.094, 46.354



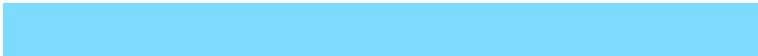
13, 28.849, 42.226

Inverse Universe

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



86, 27.503, 233.406



83, 31.974, 235.087



72, 45.310, 285.218



51, 4.085, 229.603



54, 38.223, 252.101



17, 16.870, 245.306

Previews

White Background



This preview shows how the CIELCh color 79, 36.631, 47.019 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, 36.631, 47.019 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, 36.631, 47.019

Background



This preview shows how black text looks on a background with the CIELCh color 79, 36.631, 47.019.



This preview shows how white text looks on a background with the CIELCh color 79, 36.631, 47.019.

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, 36.631, 47.019

Protanopia

79, 21.736, 95.515

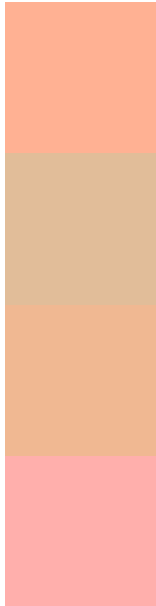
Deuteranopia

79, 29.214, 70.756



Tritanopia
79, 31.770, 10.844

Trichromacy



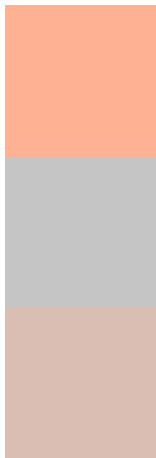
Original Color
79, 36.631, 47.019

Protanomaly
79, 24.273, 71.425

Deuteranomaly
79, 31.169, 60.445

Tritanomaly
79, 31.840, 24.926

Monochromacy



Original Color
79, 36.631, 47.019

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 12.324, 48.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 36.631, 47.019 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, 177, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 147)  
}
```

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, 177, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 36.631, 47.019 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, 177, 147) }
```

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

```
.border{ border-color:rgb(255, 177, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 36.631, 47.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 147) }
```

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

```
.background{ background-color: rgb(255,  
177, 147) }
```

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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