

Converting Colors

CIELCh(82, 42.164, 18.270)

Have a look what the booklet for
CIELCh(82, 42.164, 18.270) contains.

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Color

CIELCh(79, 31.707, 15.582)

Conversions

Conversions Part 1

Format	Color
Hex	FFAEB5
RGB	255, 174, 181
RGB Percent	100%, 68%, 71%
CMY	0.0000, 0.3173, 0.2898
CMYK	0.00, 0.32, 0.29, 0.00
HSL	355°, 100%, 84%
HSV	355°, 32%, 100%
XYZ	64.7827, 54.9284, 50.9546
YIQ	199.0170, 46.0290, 19.3490

Conversions

Conversions Part 2

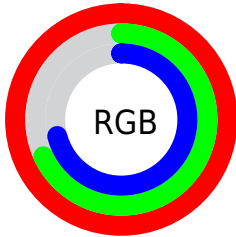
Format	Color
R _Y B	255, 174, 181
Decimal	16756405
CIE Lab	79.00, 30.54, 8.52
CIE LCh	79, 31.707, 15.582
Yxy	54.9284, 0.3796, 0.3218
Android (android.graphics.Color)	4294946485 (0xFFFFAEB5)
YUV	199.0170, -8.8824, 49.0971
Hunter-Lab	74.1137, 26.3276, 11.1165

Details

The CIELCh color **79, 31.707, 15.582** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **95, 26.348, 189.873**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 9.682, 358.249**, and **59, 31.771, 16.135** is the 20% darker color. If you saturate the color by 10%, you get **73, 42.799, 17.229**, and if you desaturate by 10%, it is **85, 21.015, 14.258**.

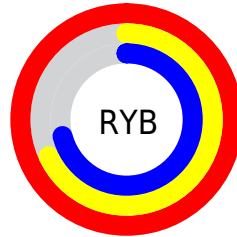
Distribution



Red (100%)

Green (68%)

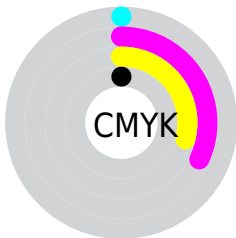
Blue (71%)



Red (100%)

Yellow (68%)

Blue (71%)

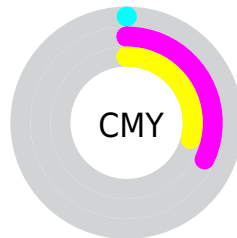


Cyan (0%)

Magenta (32%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 31.707, 15.582 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, 31.707, 15.582 by changing the saturation by 10% instead.

79, 31.707, 15.582

79, 31.707, 15.582

100, 31.707,
15.582

69, 31.707, 15.582

99, 31.707, 15.582

59, 31.707, 15.582

49, 31.707, 15.582

39, 31.707, 15.582

29, 31.707, 15.582

19, 31.707, 15.582

9, 31.707, 15.582

0, 31.707, 15.582

79, 31.707, 15.582

79, 31.707, 15.582

73, 42.799, 17.229

85, 21.015, 14.258

67, 54.203, 19.343

92, 10.968, 13.183

63, 65.548, 22.047

99, 1.561, 11.974

59, 76.440, 25.456

100, 0.012,
296.813

56, 86.488, 29.565

54, 95.240, 34.045

53, 100.942,
37.314

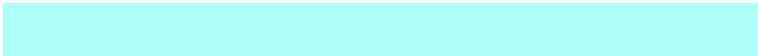
Harmonies

Complementary

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



79, 31.707, 15.582



95, 26.348, 189.873

Rectangle

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



79, 31.707, 15.582



79, 31.707, 65.582



79, 31.707, 195.582



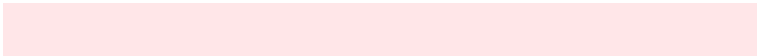
79, 31.707, 245.582

Sweetspot

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



79, 31.663, 15.573



93, 9.299, 13.013



80, 49.341, 323.253



49, 6.375, 13.151



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, 31.663, 15.573



75, 38.605, 16.566



86, 25.881, 60.681



50, 5.278, 12.964



40, 80.607, 36.613



10, 32.695, 23.676

Inverse Universe

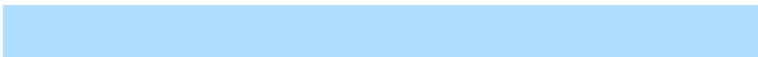
The Inverse Universe completely reimagines the original color for something new.



79, 31.663, 15.573



75, 38.605, 16.566



86, 22.356, 248.431



50, 5.278, 12.964



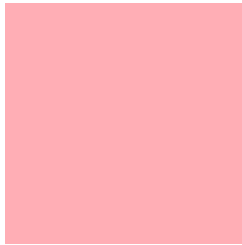
40, 80.607, 36.613



10, 32.695, 23.676

Previews

White Background



This preview shows how the CIELCh color 79, 31.707, 15.582 looks on a white background.

Color Contrast Check

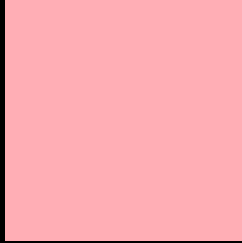
Large Text (above 18pt) WCAG AA × Fail

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 79, 31.707, 15.582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

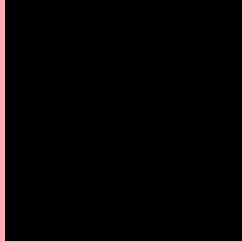
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 31.707, 15.582

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.707, 15.582.

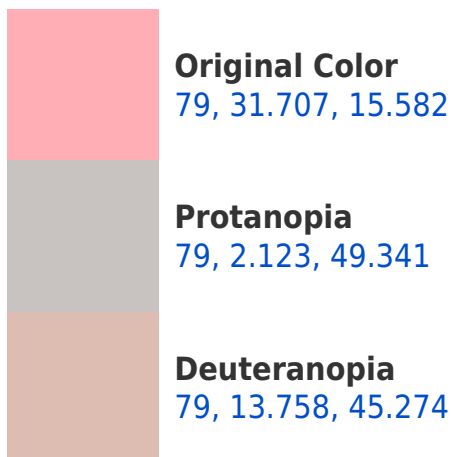


This preview shows how white text looks on a background with the CIELCh color 79, 31.707, 15.582.

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
79, 31.811, 9.901

Trichromacy



Original Color
79, 31.707, 15.582

Protanomaly
79, 12.556, 15.557

Deuteranomaly
79, 19.306, 28.755

Tritanomaly
79, 31.738, 11.789

Monochromacy



Original Color
79, 31.707, 15.582

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 10.982, 14.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.707, 15.582 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, 174, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 181)  
}
```

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, 174, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.707, 15.582 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, 174, 181) }
```

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

```
.border{ border-color:rgb(255, 174, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.707, 15.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 181) }
```

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

```
.background{ background-color: rgb(255,  
174, 181) }
```

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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