

Converting Colors

CIELCh(79, 31.914, 9.970)

Have a look what the booklet for
CIELCh(79, 31.914, 9.970) contains.

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Color

CIELCh(79, 31.811, 9.901)

Conversions

Conversions Part 1

Format	Color
Hex	FFAE <code>BB</code>
RGB	<code>255, 174, 187</code>
RGB Percent	<code>100%, 68%, 73%</code>
CMY	<code>0.0013, 0.3188, 0.2678</code>
CMYK	<code>0.00, 0.32, 0.27, 0.00</code>
HSL	<code>350°, 99%, 84%</code>
HSV	<code>350°, 32%, 100%</code>
XYZ	<code>65.1347, 54.9284, 54.0138</code>
YIQ	<code>199.7010, 44.1030, 21.2150</code>

Conversions

Conversions Part 2

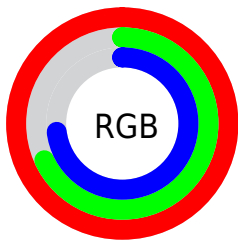
Format	Color
R _Y B	255, 174, 187
Decimal	16756411
CIE Lab	79.00, 31.34, 5.47
CIE LCh	79, 31.811, 9.901
Yxy	54.9284, 0.3742, 0.3155
Android (android.graphics.Color)	4294946491 (0xFFFFAE _B B)
YUV	199.7010, -6.2616, 48.4972
Hunter-Lab	74.1137, 27.1754, 8.6692

Details

The CIELCh color **79, 31.811, 9.901** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **95, 27.336, 183.466**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 11.159, 343.360**, and **59, 31.784, 10.118** is the 20% darker color. If you saturate the color by 10%, you get **73, 42.685, 11.615**, and if you desaturate by 10%, it is **85, 21.258, 8.518**.

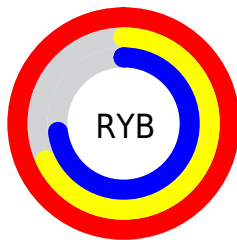
Distribution



Red (100%)

Green (68%)

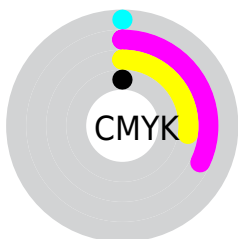
Blue (73%)



Red (100%)

Yellow (68%)

Blue (73%)

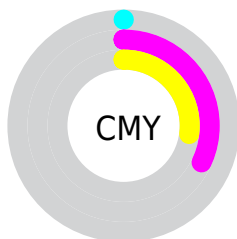


Cyan (0%)

Magenta (32%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 31.811, 9.901 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, 31.811, 9.901 by changing the saturation by 10% instead.

 79, 31.811, 9.901  79, 31.811, 9.901

 100, 31.811, 9.901  69, 31.811, 9.901

 99, 31.811, 9.901  59, 31.811, 9.901

 49, 31.811, 9.901


 39, 31.811, 9.901

 29, 31.811, 9.901

 19, 31.811, 9.901

 9, 31.811, 9.901

 0, 31.811, 9.901

 79, 31.811, 9.901  79, 31.811, 9.901

73, 42.685, 11.615

85, 21.258, 8.518

68, 53.630, 13.764

92, 11.184, 7.359

63, 64.279, 16.494

99, 1.654, 6.089

59, 74.221, 19.954

100, 0.113,
205.259

56, 83.123, 24.230

54, 90.841, 29.200

53, 96.356, 33.334

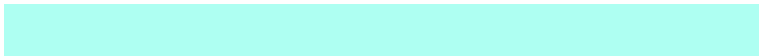
Harmonies

Complementary

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



79, 31.811, 9.901



95, 27.336, 183.466

Rectangle

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



79, 31.811, 9.901



79, 31.811, 59.901



79, 31.811, 189.901



79, 31.811, 239.901

Sweetspot

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



79, 31.808, 9.905



93, 9.444, 7.167



80, 48.623, 321.250



49, 6.470, 7.318



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, 31.808, 9.905



75, 38.575, 10.922



85, 25.955, 53.317



50, 5.362, 7.114



40, 76.939, 32.394



10, 32.218, 20.573

Inverse Universe

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



79, 31.808, 9.905



75, 38.575, 10.922



88, 21.653, 239.467



50, 5.362, 7.114



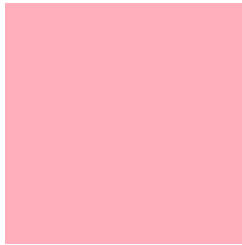
40, 76.939, 32.394



10, 32.218, 20.573

Previews

White Background



This preview shows how the CIELCh color 79, 31.811, 9.901 looks on a white background.

Color Contrast Check

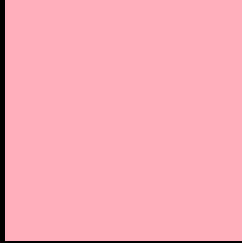
Large Text (above 18pt) WCAG AA × Fail

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, 31.811, 9.901 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, 31.811, 9.901

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.811, 9.901.

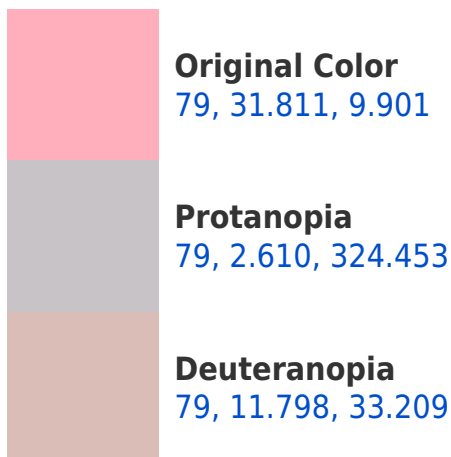


This preview shows how white text looks on a background with the CIELCh color 79, 31.811, 9.901.

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, 31.811, 9.901



Protanomaly
79, 12.721, 0.927



Deuteranomaly
79, 18.867, 17.756



Tritanomaly
79, 31.811, 9.901

Monochromacy



Original Color
79, 31.811, 9.901



Achromatopsia
80, 0.010, 296.813



Achromatomaly
80, 11.190, 6.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.811, 9.901 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.811, 9.901 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, 187) }
```

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

```
.border{ border-color:rgb(255, 174, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.811, 9.901 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, 187) }
```

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

```
.background{ background-color: rgb(255,  
174, 187) }
```

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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