

Converting Colors

CIELCh(79, 32.144, 18.108)

Have a look what the booklet for
CIELCh(79, 32.144, 18.108) contains.

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Color

CIELCh(79, 31.782, 18.423)

Conversions

Conversions Part 1

Format	Color
Hex	FFAEB2
RGB	255, 174, 178
RGB Percent	100%, 68%, 70%
CMY	0.0000, 0.3165, 0.3008
CMYK	0.00, 0.32, 0.30, 0.00
HSL	357°, 100%, 84%
HSV	357°, 32%, 100%
XYZ	64.6112, 54.9284, 49.4661
YIQ	198.6750, 46.9920, 18.4160

Conversions

Conversions Part 2

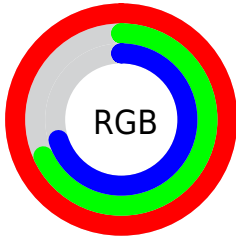
Format	Color
R _Y B	255, 174, 178
Decimal	16756402
CIE Lab	79.00, 30.15, 10.04
CIE LCh	79, 31.782, 18.423
Yxy	54.9284, 0.3823, 0.3250
Android (android.graphics.Color)	4294946482 (0xFFFFAEB2)
YUV	198.6750, -10.1928, 49.3970
Hunter-Lab	74.1137, 25.9147, 12.3074

Details

The CIELCh color **79, 31.782, 18.423** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **95, 25.931, 193.233**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 9.253, 7.184**, and **59, 31.910, 19.128** is the 20% darker color. If you saturate the color by 10%, you get **73, 42.956, 19.998**, and if you desaturate by 10%, it is **85, 20.923, 17.148**.

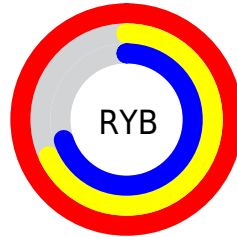
Distribution



Red (100%)

Green (68%)

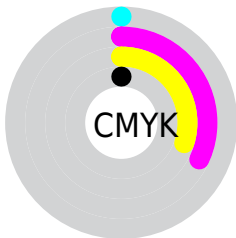
Blue (70%)



Red (100%)

Yellow (68%)

Blue (70%)

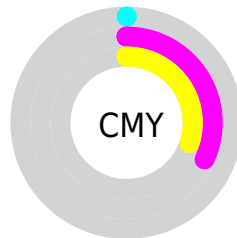


Cyan (0%)

Magenta (32%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 31.782, 18.423 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, 31.782, 18.423 by changing the saturation by 10% instead.

79, 31.782, 18.423

79, 31.782, 18.423

100, 31.782,
18.423

69, 31.782, 18.423

99, 31.782, 18.423

59, 31.782, 18.423

49, 31.782, 18.423

39, 31.782, 18.423

29, 31.782, 18.423

19, 31.782, 18.423

9, 31.782, 18.423

0, 31.782, 18.423

79, 31.782, 18.423

79, 31.782, 18.423

73, 42.956, 19.998

85, 20.923, 17.148

67, 54.626, 22.057

92, 10.859, 16.140

62, 66.354, 24.702

99, 1.484, 14.974

59, 77.739, 28.023

100, 0.012,
296.813

56, 88.317, 31.953

54, 97.353, 36.027

53, 102.686,
38.652

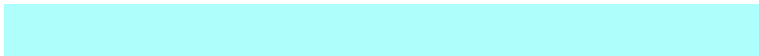
Harmonies

Complementary

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



79, 31.782, 18.423



95, 25.931, 193.233

Rectangle

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



79, 31.782, 18.423



79, 31.782, 68.423



79, 31.782, 198.423



79, 31.782, 248.423

Sweetspot

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



79, 31.655, 18.401



94, 8.308, 15.897



81, 49.837, 324.722



49, 5.804, 16.030



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, 31.655, 18.401



75, 38.776, 19.368



87, 26.070, 66.147



49, 5.258, 15.943



40, 82.141, 38.124



10, 32.968, 25.191

Inverse Universe

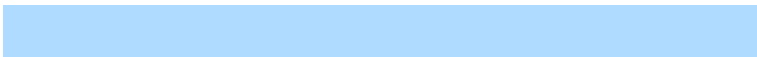
The Inverse Universe completely reimagines the original color for something new.



79, 31.655, 18.401



75, 38.776, 19.368



85, 23.176, 254.716



49, 5.258, 15.943



40, 82.141, 38.124



10, 32.968, 25.191

Previews

White Background



This preview shows how the CIELCh color 79, 31.782, 18.423 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, 31.782, 18.423 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, 31.782, 18.423

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.782, 18.423.



This preview shows how white text looks on a background with the CIELCh color 79, 31.782, 18.423.

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, 31.782, 18.423

Protanopia

79, 3.458, 69.601

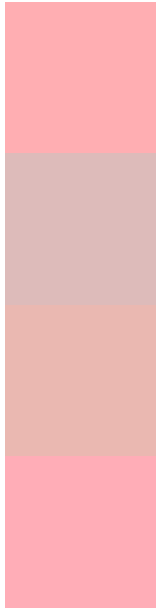
Deuteranopia

79, 14.647, 48.252



Tritanopia
79, 32.226, 10.110

Trichromacy



Original Color
79, 31.782, 18.423

Protanomaly
79, 12.991, 22.749

Deuteranomaly
79, 19.965, 31.571

Tritanomaly
79, 32.139, 12.911

Monochromacy



Original Color
79, 31.782, 18.423

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 10.964, 17.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.782, 18.423 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.782, 18.423 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, 178) }
```

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

```
.border{ border-color:rgb(255, 174, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.782, 18.423 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, 178) }
```

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

```
.background{ background-color: rgb(255,  
174, 178) }
```

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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