

Converting Colors

CIELCh(82, 41.523, 18.861)

Have a look what the booklet for
CIELCh(82, 41.523, 18.861) contains.

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Color

CIELCh(79, 31.292, 16.403)

Conversions

Conversions Part 1

Format	Color
Hex	FEAEB4
RGB	254, 174, 180
RGB Percent	100%, 68%, 71%
CMY	0.0022, 0.3157, 0.2922
CMYK	0.00, 0.31, 0.29, 0.00
HSL	355°, 99%, 84%
HSV	355°, 31%, 100%
XYZ	64.5518, 54.9284, 50.6407
YIQ	198.6040, 45.7540, 18.8260

Conversions

Conversions Part 2

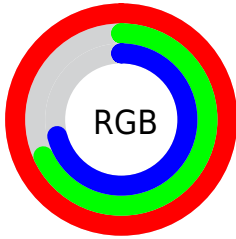
Format	Color
RYB	254, 174, 180
Decimal	16690868
CIELab	79.00, 30.02, 8.84
CIElCh	79, 31.292, 16.403
Yxy	54.9284, 0.3794, 0.3229
Android (android.graphics.Color)	4294880948 (0xFFFEAEB4)
YUV	198.6040, -9.1718, 48.5823
Hunter-Lab	74.1137, 25.7716, 11.3677

Details

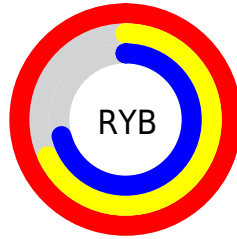
The CIELCh color **79, 31.292, 16.403** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **95, 25.959, 190.922**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 9.513, 1.134**, and **59, 31.387, 17.002** is the 20% darker color. If you saturate the color by 10%, you get **73, 42.441, 18.036**, and if you desaturate by 10%, it is **85, 20.653, 15.118**.

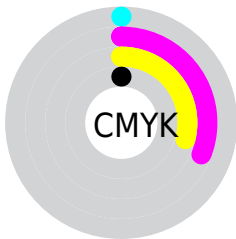
Distribution



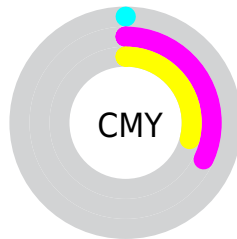
- Red (100%)
- Green (68%)
- Blue (71%)



- Red (100%)
- Yellow (68%)
- Blue (71%)



- Cyan (0%)
- Magenta (31%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (32%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 31.292, 16.403 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, 31.292, 16.403 by changing the saturation by 10% instead.

 79, 31.292, 16.403

 79, 31.292, 16.403

 100, 31.292,
16.403

 69, 31.292, 16.403

 99, 31.292, 16.403

 59, 31.292, 16.403

 49, 31.292, 16.403

 39, 31.292, 16.403

 29, 31.292, 16.403

 19, 31.292, 16.403

 9, 31.292, 16.403

 0, 31.292, 16.403

 79, 31.292, 16.403

 79, 31.292, 16.403

73, 42.441, 18.036

85, 20.653, 15.118

67, 53.900, 20.120

92, 10.640, 14.067

63, 65.346, 22.790

99, 1.281, 12.793

59, 76.388, 26.155

100, 0.194,
202.810

56, 86.617, 30.198

54, 95.513, 34.566

53, 101.357,
37.773

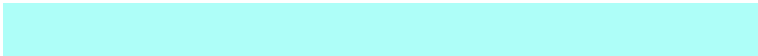
Harmonies

Complementary

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



79, 31.292, 16.403



95, 25.959, 190.922

Rectangle

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



79, 31.292, 16.403



79, 31.292, 66.403



79, 31.292, 196.403



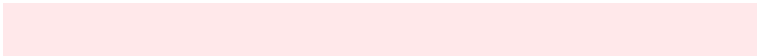
79, 31.292, 246.403

Sweetspot

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



79, 31.289, 16.407



94, 8.328, 13.834



80, 48.987, 323.732



49, 5.817, 13.973



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, 31.289, 16.407



75, 38.647, 17.434



87, 25.621, 62.544



50, 5.270, 13.882



40, 81.114, 37.126



10, 32.777, 24.147

Inverse Universe

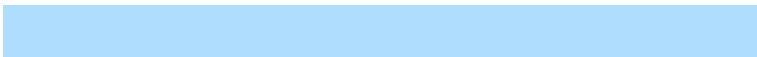
The Inverse Universe completely reimagines the original color for something new.



79, 31.289, 16.407



75, 38.647, 17.434



86, 22.373, 250.520



50, 5.270, 13.882



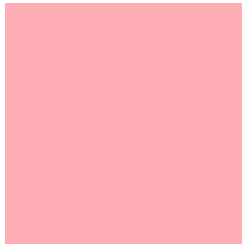
40, 81.114, 37.126



10, 32.777, 24.147

Previews

White Background



This preview shows how the CIELCh color 79, 31.292, 16.403 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, 31.292, 16.403 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, 31.292, 16.403

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.292, 16.403.

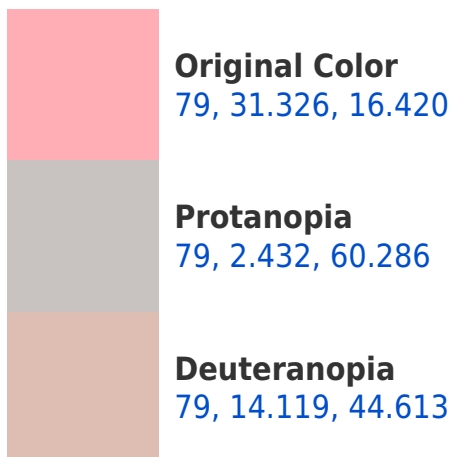


This preview shows how white text looks on a background with the CIELCh color 79, 31.292, 16.403.

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](#).

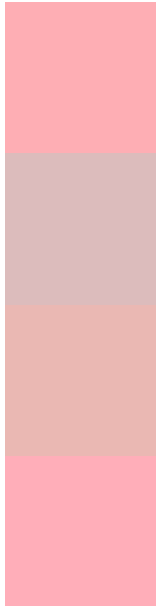
Dichromacy





Tritanopia
79, 31.811, 9.901

Trichromacy



Original Color
79, 31.326, 16.420

Protanomaly
79, 12.161, 20.347

Deuteranomaly
79, 19.702, 28.626

Tritanomaly
79, 31.738, 11.789

Monochromacy



Original Color
79, 31.326, 16.420

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, 31.292, 16.403 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(254, 174, 180)` looks like.

```
.text, #text, p{  
    color:rgb(254, 174, 180)  
}
```

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(254, 174, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 174, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.292, 16.403 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(254, 174, 180) }
```

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

```
.border{ border-color:rgb(254, 174, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 174, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 174, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 174, 180);  
box-shadow:4px 4px 4px 4px rgb(254, 174,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.292, 16.403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 174, 180) }
```

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

```
.background{ background-color: rgb(254,  
174, 180) }
```

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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