

Converting Colors

CIELCh(79, 31.110, 17.015)

Have a look what the booklet for
CIELCh(79, 31.110, 17.015) contains.

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Color

CIELCh(79, 30.917, 17.262)

Conversions

Conversions Part 1

Format	Color
Hex	FEAFB4
RGB	254, 175, 180
RGB Percent	100%, 69%, 71%
CMY	0.0046, 0.3143, 0.2947
CMYK	0.00, 0.31, 0.29, 0.00
HSL	356°, 97%, 84%
HSV	356°, 31%, 100%
XYZ	64.3344, 54.9284, 50.3103
YIQ	199.1910, 45.4790, 18.3030

Conversions

Conversions Part 2

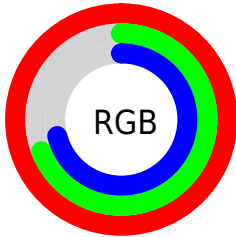
Format	Color
R_YB	254, 175, 180
Decimal	16691124
CIE _{Lab}	79.00, 29.52, 9.17
CIE _{LCh}	79, 30.917, 17.262
Yxy	54.9284, 0.3794, 0.3239
Android (android.graphics.Color)	4294881204 (0xFFFEAFB4)
YUV	199.1910, -9.4612, 48.0675
Hunter-Lab	74.1137, 25.2480, 11.6320

Details

The CIELCh color **79, 30.917, 17.262** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **95, 25.571, 192.009**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 9.012, 3.445**, and **59, 30.964, 17.862** is the 20% darker color. If you saturate the color by 10%, you get **73, 42.083, 18.865**, and if you desaturate by 10%, it is **85, 20.291, 16.005**.

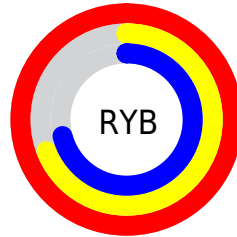
Distribution



Red (100%)

Green (69%)

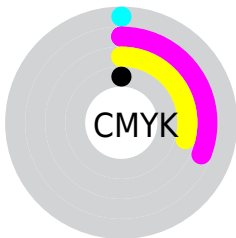
Blue (71%)



Red (100%)

Yellow (69%)

Blue (71%)

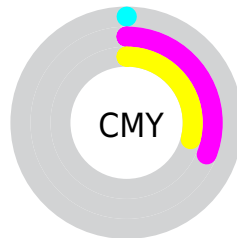


Cyan (0%)

Magenta (31%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 30.917, 17.262 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, 30.917, 17.262 by changing the saturation by 10% instead.

79, 30.917, 17.262

79, 30.917, 17.262

100, 30.917,
17.262

69, 30.917, 17.262

99, 30.917, 17.262

59, 30.917, 17.262

49, 30.917, 17.262

39, 30.917, 17.262

29, 30.917, 17.262

19, 30.917, 17.262

9, 30.917, 17.262

0, 30.917, 17.262

79, 30.917, 17.262

79, 30.917, 17.262

73, 42.083, 18.865

85, 20.291, 16.005

67, 53.596, 20.917

92, 10.311, 14.981

63, 65.145, 23.549

99, 1.000, 13.591

59, 76.338, 26.866

100, 0.406,
201.014

56, 86.746, 30.838

54, 95.778, 35.085

53, 101.728,
38.200

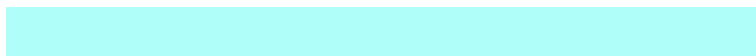
Harmonies

Complementary

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



79, 30.917, 17.262



95, 25.571, 192.009

Rectangle

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



79, 30.917, 17.262



79, 30.917, 67.262



79, 30.917, 197.262



79, 30.917, 247.262

Sweetspot

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



79, 30.914, 17.266



94, 8.318, 14.782



81, 48.620, 324.208



49, 5.810, 14.918



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, 30.914, 17.266



76, 37.572, 18.161



87, 25.383, 64.400



50, 5.264, 14.829



40, 81.606, 37.611



10, 32.864, 24.629

Inverse Universe

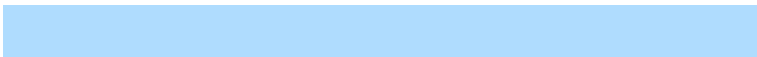
The Inverse Universe completely reimagines the original color for something new.



79, 30.914, 17.266



76, 37.572, 18.161



86, 22.405, 252.558



50, 5.264, 14.829



40, 81.606, 37.611



10, 32.864, 24.629

Previews

White Background



This preview shows how the CIELCh color 79, 30.917, 17.262 looks on a white background.

Color Contrast Check

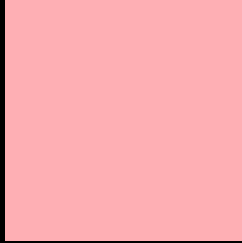
Large Text (above 18pt) WCAG AA × Fail

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, 30.917, 17.262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

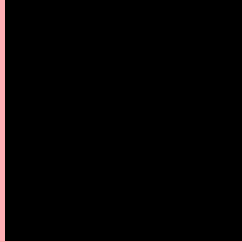
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 30.917, 17.262

Background



This preview shows how black text looks on a background with the CIELCh color 79, 30.917, 17.262.



This preview shows how white text looks on a background with the CIELCh color 79, 30.917, 17.262.

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, 30.917, 17.262

Protanopia

79, 3.067, 63.248

Deuteranopia

79, 14.376, 46.467



Tritanopia
79, 31.811, 9.901

Trichromacy



Original Color
79, 30.917, 17.262

Protanomaly
79, 12.198, 22.829

Deuteranomaly
79, 19.827, 30.109

Tritanomaly
79, 31.716, 12.736

Monochromacy



Original Color
79, 30.917, 17.262

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, 30.917, 17.262 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, 175, 180)` looks like.

```
.text, #text, p{  
    color:rgb(254, 175, 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, 175, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 175, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 30.917, 17.262 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, 175, 180) }
```

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

```
.border{ border-color:rgb(254, 175, 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, 175, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 175, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 175, 180);  
box-shadow:4px 4px 4px 4px rgb(254, 175,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 30.917, 17.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 175, 180) }
```

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

```
.background{ background-color: rgb(254,  
175, 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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